



# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>Val-Tex 2000-S</b>
<b>Other means of identification</b>	
<b>Synonyms</b>	Includes sticks of all sizes and bulk packaging.
<b>Recommended use</b>	Lubricant.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer/Supplier</b>	Val-Tex, LLC; 15431 Vantage Pkwy E. Suite 210; Houston, Texas 77032; United States
<b>Telephone</b>	1.800.627.9771
<b>E-mail</b>	sales.val-tex@cmcmaterials.com
<b>Representative</b>	CMC Materials; Amber Business Centre; Riddings Alfreton Derbyshire DE55 4DA; United Kingdom
<b>Telephone</b>	+44 (0) 1773 844200
<b>E-mail</b>	sales.val-tex@cmcmaterials.com
<b>Representative</b>	CMC Materials; Les Vieilles Hayes; 50620 Saint Fromond; France
<b>Telephone</b>	+33 (0) 2 33 75 64 00
<b>E-mail</b>	sales.val-tex@cmcmaterials.com
<b>Distributor</b>	CMC Materials Sealweld Canada, INC.; Bay 106, 4116 64th Ave.S.E., Calgary, AB, T2C 2B3
<b>Telephone</b>	1.800.661.8465
<b>E-mail</b>	sales.val-tex@cmcmaterials.com
<b>Emergency phone number</b>	
<b>3E Global Incident Response Hotline</b>	
<b>Canada</b>	+1 760.476.3962
<b>International</b>	+1 760.476.3962
<b>Access code</b>	333035
<b>CHEMTREC</b>	For Dangerous Goods Incidents ONLY (spill, leak, fire, exposure or accident), call CHEMTREC 24/7 at:
<b>Canada, USA</b>	1.800.424.9300
<b>International</b>	+1.703.741.5970

## 2. Hazard identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	The mixture does not meet the criteria for classification.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.

<b>Supplemental information</b>	None.
<b>Other hazards</b>	None known.

### 3. Composition/information on ingredients

#### Mixtures

The components are not hazardous or are below required disclosure limits.

### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed. Combustion products may include: carbon oxides, metal oxide, silicon oxides, sulfur oxides.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Do not point solid water stream directly into burning oil to avoid spreading. Water may be ineffective in fighting an oil fire unless used by experienced firefighters.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Will burn if involved in a fire.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	The product is immiscible with water and will sediment in water systems. Stop the flow of material, if this is without risk. Contain the discharged material. Shovel the material into waste container. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS. Clean contaminated area with oil-removing material.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

### 7. Handling and storage

<b>Precautions for safe handling</b>	Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

### 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	Occupational Exposure Limits are not relevant to the current physical form of the product.
<b>Appropriate engineering controls</b>	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
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<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Solid.
<b>Form</b>	Semi-solid.
<b>Colour</b>	Black.
<b>Odour</b>	Mild odor.
<b>Odour threshold</b>	Property has not been measured.
<b>pH</b>	Property has not been measured.
<b>Melting point/freezing point</b>	Property has not been measured.
<b>Initial boiling point and boiling range</b>	Property has not been measured.
<b>Flash point</b>	256 °C (492.8 °F)
<b>Evaporation rate</b>	Property has not been measured.
<b>Flammability (solid, gas)</b>	Will burn if involved in a fire.

### Upper/lower flammability or explosive limits

<b>Explosive limit - lower (%)</b>	Property has not been measured.
<b>Explosive limit – upper (%)</b>	Property has not been measured.

<b>Vapour pressure</b>	Property has not been measured.
<b>Vapour density</b>	Property has not been measured.
<b>Relative density</b>	1.0897

### Solubility(ies)

<b>Solubility (water)</b>	Insoluble in water.
<b>Partition coefficient (n-octanol/water)</b>	Property has not been measured.
<b>Auto-ignition temperature</b>	Property has not been measured.
<b>Decomposition temperature</b>	Property has not been measured.
<b>Viscosity</b>	Property has not been measured.

### Other information

<b>Density</b>	Property has not been measured.
<b>Explosive properties</b>	Not explosive.
<b>Kinematic viscosity</b>	Property has not been measured.
<b>Oxidising properties</b>	Not oxidising.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizers.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Vapor from heated material or mist may cause respiratory irritation.
<b>Skin contact</b>	Prolonged skin contact may cause temporary irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.

### Information on toxicological effects

<b>Acute toxicity</b>	Not expected to be acutely toxic.
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or skin sensitisation</b>	
<b>Respiratory sensitisation</b>	Not a respiratory sensitiser.
<b>Skin sensitisation</b>	This product is not expected to cause skin sensitisation.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	Not classifiable as to carcinogenicity to humans.
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Due to the physical form of the product it is not expected to be an aspiration hazard.

## 12. Ecological information

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Mobility in soil</b>	The product is insoluble in water. Expected to have low mobility in soil.
<b>Other adverse effects</b>	None known.

## 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose in accordance with local regulations. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

<b>TDG</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## 15. Regulatory information

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

### Controlled Drugs and Substances Act

Not regulated.

### Export Control List (CEPA 1999, Schedule 3)

Not listed.

### Greenhouse Gases

Not listed.

### Precursor Control Regulations

Not regulated.

### International regulations

#### Stockholm Convention

Not applicable.

#### Rotterdam Convention

Not applicable.

#### Kyoto Protocol

Not applicable.

#### Montreal Protocol

Not applicable.

#### Basel Convention

Not applicable.

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information

**Issue date** 01-December-2017

**Revision date** 06-August-2021

**Version No.** 02

**Disclaimer** CMC Materials Val-Tex cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.



# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name or designation of the mixture Val-Tex 2000-S

Registration number -

Synonyms Includes sticks of all sizes and bulk packaging.

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Lubricant.

Uses advised against None known.

### 1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier Val-Tex, LLC; 15431 Vantage Pkwy E. Suite 210; Houston, Texas 77032

Telephone 1.800.627.9771

E-mail sales.val-tex@cmcmaterials.com

Representative CMC Materials; Amber Business Centre; Riddings Alfreton Derbyshire DE55 4DA; United Kingdom

Telephone +44 (0) 1773 844200

E-mail sales.val-tex@cmcmaterials.com

Representative CMC Materials; Les Vieilles Hayes; 50620 Saint Fromond; France

Telephone +33 (0) 2 33 75 64 00

E-mail sales.val-tex@cmcmaterials.com

Distributor CMC Materials Sealweld Canada, INC.; Bay 106, 4116 64th Ave.S.E., Calgary, AB, T2C 2B3

Telephone 1.800.661.8465

E-mail sales.val-tex@cmcmaterials.com

### 1.4 Emergency telephone number

General in EU 112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

#### 3E Global Incident Response Hotline

Europe +1.760.476.3961

International +1.760.476.3962

Access code 333035

#### CHEMTREC

For Dangerous Goods Incidents ONLY (spill, leak, fire, exposure or accident), call CHEMTREC 24/7 at:

EU +44 (0) 1235 239670

International +1.703.741.5970

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms None.

Signal word None.

Hazard statements The mixture does not meet the criteria for classification.

## Precautionary statements

<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.

**Supplemental information on the label** None.

**2.3. Other hazards** This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.  
The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

The components are not hazardous or are below required disclosure limits.

## SECTION 4: First aid measures

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.

**4.2. Most important symptoms and effects, both acute and delayed** Direct contact with eyes may cause temporary irritation.

**4.3. Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

## SECTION 5: Firefighting measures

**General fire hazards** Will burn if involved in a fire.

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture** During fire, gases hazardous to health may be formed. Combustion products may include: carbon oxides, metal oxide, silicon oxides, sulfur oxides.

### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Special fire fighting procedures</b>	Do not point solid water stream directly into burning oil to avoid spreading. Water may be ineffective in fighting an oil fire unless used by experienced firefighters.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	Wear appropriate personal protective equipment.
<b>For emergency responders</b>	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS.

**6.2. Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** The product is immiscible with water and will sediment in water systems. Stop the flow of material, if this is without risk. Contain the discharged material. Shovel the material into waste container. Following product recovery, flush area with water. Clean contaminated area with oil-removing material.

**6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

- 7.1. Precautions for safe handling** Observe good industrial hygiene practices.
- 7.2. Conditions for safe storage, including any incompatibilities** Store in tightly closed container. Store away from incompatible materials (see section 10 of the SDS).
- 7.3. Specific end use(s)** Lubricant.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Austria. MAK List Components

Components	Type	Value	Form
Amorphous silica (CAS 112945-52-5)	MAK	4 mg/m <sup>3</sup>	Inhalable fraction.
Molybdenum disulphide (CAS 1317-33-5)	MAK	10 mg/m <sup>3</sup>	Inhalable fraction.
	STEL	20 mg/m <sup>3</sup>	Inhalable fraction.

##### Belgium. Exposure Limit Values Components

Components	Type	Value
Molybdenum disulphide (CAS 1317-33-5)	TWA	10 mg/m <sup>3</sup>

##### Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work Components

Components	Type	Value	Form
Amorphous silica (CAS 112945-52-5)	TWA	10 mg/m <sup>3</sup>	Inhalable fraction.
		0,07 mg/m <sup>3</sup>	Respirable fraction.
Molybdenum disulphide (CAS 1317-33-5)	TWA	10 mg/m <sup>3</sup>	

##### Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09 Components

Components	Type	Value	Form
Amorphous silica (CAS 112945-52-5)	MAC	6 mg/m <sup>3</sup>	Total dust.
		0,1 mg/m <sup>3</sup>	Respirable dust.
Molybdenum disulphide (CAS 1317-33-5)	MAC	10 mg/m <sup>3</sup>	
	STEL	20 mg/m <sup>3</sup>	

##### Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended. Components

Components	Type	Value
Amorphous silica (CAS 112945-52-5)	TWA	2 mg/m <sup>3</sup>

##### Czech Republic. OELs. Government Decree 361 Components

Components	Type	Value	Form
Amorphous silica (CAS 112945-52-5)	TWA	4 mg/m <sup>3</sup>	Dust.
Molybdenum disulphide (CAS 1317-33-5)	Ceiling	25 mg/m <sup>3</sup>	
	TWA	5 mg/m <sup>3</sup>	

##### Denmark. Exposure Limit Values Components

Components	Type	Value
Molybdenum disulphide (CAS 1317-33-5)	TLV	10 mg/m <sup>3</sup>

##### Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended Components

Components	Type	Value	Form
Amorphous silica (CAS 112945-52-5)	TWA	2 mg/m <sup>3</sup>	Fine dust, respiratory fraction



**Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	TWA	5 mg/m3	Fine dust, respiratory fraction
		10 mg/m3	Total dust, respiratory fraction

**Finland. Workplace Exposure Limits Components**

Components	Type	Value
Amorphous silica (CAS 112945-52-5)	TWA	5 mg/m3

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

Components	Type	Value	Form
Amorphous silica (CAS 112945-52-5)	TWA	4 mg/m3	Inhalable fraction.

**Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace Components**

Components	Type	Value	Form
Amorphous silica (CAS 112945-52-5)	AGW	4 mg/m3	Inhalable fraction.

**Greece. OELs (Decree No. 90/1999, as amended) Components**

Components	Type	Value
Molybdenum disulphide (CAS 1317-33-5)	TWA	15 mg/m3

**Hungary. OELs. Joint Decree on Chemical Safety of Workplaces Components**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	TWA	5 mg/m3	Respirable.
		10 mg/m3	

**Iceland. OELs. Regulation 154/1999 on occupational exposure limits Components**

Components	Type	Value	Form
Amorphous silica (CAS 112945-52-5)	TWA	5 mg/m3	Respirable dust.
		10 mg/m3	Total dust.
		0,5 mg/m3	Dust.
Molybdenum disulphide (CAS 1317-33-5)	TWA	10 mg/m3	

**Ireland. Occupational Exposure Limits Components**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	TWA	3 mg/m3	Respirable fraction.

**Italy. OELs Components**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.

**Latvia. OELs. Occupational exposure limit values of chemical substances in work environment Components**

Components	Type	Value
Amorphous silica (CAS 112945-52-5)	TWA	1 mg/m3

**Lithuania. OELs. Limit Values for Chemical Substances, General Requirements (Hygiene Norm HN 23:2007) Components**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	TWA	5 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.

**Norway. Administrative Norms for Contaminants in the Workplace**

Components	Type	Value	Form
Amorphous silica (CAS 112945-52-5)	TLV	1,5 mg/m3	Respirable dust.
Molybdenum disulphide (CAS 1317-33-5)	TLV	10 mg/m3	

**Poland. Ordinance of the Minister of Labour and Social Policy on 6 June 2014 on the maximum permissible concentrations and intensities of harmful health factors in the work environment, Journal of Laws 2014, item 817**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	STEL	10 mg/m3	
	TWA	4 mg/m3	

**Portugal**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.

**Romania. OELs. Protection of workers from exposure to chemical agents at the workplace**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	STEL	10 mg/m3	
	TWA	5 mg/m3	

**Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in work with chemical agents**

Components	Type	Value	Form
Amorphous silica (CAS 112945-52-5)	TWA	0,3 mg/m3	
Molybdenum disulphide (CAS 1317-33-5)	TWA	5 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.

**Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)**

Components	Type	Value	Form
Amorphous silica (CAS 112945-52-5)	TWA	4 mg/m3	Inhalable fraction.

**Spain**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	TWA (VLA-ED)	10 mg/m3	

**Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7)**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	TWA	5 mg/m3	Respirable dust.
		10 mg/m3	Total dust.

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

Components	Type	Value	Form
Molybdenum disulphide (CAS 1317-33-5)	TWA	10 mg/m3	Inhalable fraction.

**UK. EH40 Workplace Exposure Limits (WELs)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Amorphous silica (CAS 112945-52-5)	TWA	6 mg/m <sup>3</sup>	Inhalable dust.
		2,4 mg/m <sup>3</sup>	Respirable dust.
Molybdenum disulphide (CAS 1317-33-5)	STEL	20 mg/m <sup>3</sup>	
	TWA	10 mg/m <sup>3</sup>	
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).		
<b>Recommended monitoring procedures</b>	Follow standard monitoring procedures.		
<b>Derived no effect levels (DNELs)</b>	Not available.		
<b>Predicted no effect concentrations (PNECs)</b>	Not available.		
<b>Exposure guidelines</b>	Occupational Exposure Limits are not relevant to the current physical form of the product.		
<b>8.2. Exposure controls</b>			
<b>Appropriate engineering controls</b>	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.		
<b>Individual protection measures, such as personal protective equipment</b>			
<b>General information</b>	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.		
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).		
<b>Skin protection</b>			
- <b>Hand protection</b>	Wear appropriate chemical resistant gloves.		
- <b>Other</b>	Wear suitable protective clothing.		
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.		
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.		
<b>Hygiene measures</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.		
<b>Environmental exposure controls</b>	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.		

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Solid.
<b>Form</b>	Semi-solid.
<b>Colour</b>	Black.
<b>Odour</b>	Mild odor.
<b>Odour threshold</b>	Property has not been measured.
<b>Melting point/freezing point</b>	Property has not been measured.
<b>Boiling point or initial boiling point and boiling range</b>	Property has not been measured.
<b>Flammability</b>	Will burn if involved in a fire.
<b>Lower and upper explosion limit</b>	
<b>Explosive limit - lower (%)</b>	Property has not been measured.
<b>Explosive limit – upper (%)</b>	Property has not been measured.
<b>Flash point</b>	256 °C (492,8 °F)
<b>Auto-ignition temperature</b>	Property has not been measured.
<b>Decomposition temperature</b>	Property has not been measured.
<b>pH</b>	Property has not been measured.
<b>Kinematic viscosity</b>	Property has not been measured.

<b>Solubility</b>	
<b>Solubility (water)</b>	Insoluble in water.
<b>Partition coefficient (n-octanol/water) (log value)</b>	Property has not been measured.
<b>Vapour pressure</b>	Property has not been measured.
<b>Density and/or relative density</b>	
<b>Density</b>	Property has not been measured.
<b>Relative density</b>	1,0897
<b>Vapour density</b>	Property has not been measured.
<b>Particle characteristics</b>	Not applicable, material is a semi-solid.

## 9.2. Other information

**9.2.1. Information with regard to physical hazard classes** No relevant additional information available.

### 9.2.2. Other safety characteristics

<b>Evaporation rate</b>	Property has not been measured.
<b>Viscosity</b>	Property has not been measured.

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Contact with incompatible materials.
<b>10.5. Incompatible materials</b>	Strong oxidizers.
<b>10.6. Hazardous decomposition products</b>	No hazardous decomposition products are known.

## SECTION 11: Toxicological information

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

### Information on likely routes of exposure

<b>Inhalation</b>	Vapor from heated material or mist may cause respiratory irritation.
<b>Skin contact</b>	Prolonged skin contact may cause temporary irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.

### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	Not expected to be acutely toxic.
<b>Skin corrosion/irritation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Serious eye damage/eye irritation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Respiratory sensitisation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Skin sensitisation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Germ cell mutagenicity</b>	Due to partial or complete lack of data the classification is not possible.
<b>Carcinogenicity</b>	Due to partial or complete lack of data the classification is not possible.
<b>Reproductive toxicity</b>	Due to partial or complete lack of data the classification is not possible.
<b>Specific target organ toxicity - single exposure</b>	Due to partial or complete lack of data the classification is not possible.
<b>Specific target organ toxicity - repeated exposure</b>	Due to partial or complete lack of data the classification is not possible.
<b>Aspiration hazard</b>	Due to the physical form of the product it is not expected to be an aspiration hazard.
<b>Mixture versus substance information</b>	No information available.

### 11.2. Information on other hazards

<b>Endocrine disrupting properties</b>	The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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**Other information** No other specific acute or chronic health impact noted.

## SECTION 12: Ecological information

**12.1. Toxicity** Based on available data, the classification criteria are not met for hazardous to the aquatic environment.

**12.2. Persistence and degradability** No data is available on the degradability of this product.

**12.3. Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient n-octanol/water (log Kow)** Not available.

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** The product is insoluble in water. Expected to have low mobility in soil.

**12.5. Results of PBT and vPvB assessment** This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

**12.6. Endocrine disrupting properties** The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7. Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Residual waste** Dispose in accordance with local regulations. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**EU waste code** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Disposal methods/information** Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Special precautions** Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

### ADR

**14.1. UN number** Not regulated as dangerous goods.

**14.2. UN proper shipping name** Not regulated as dangerous goods.

**14.3. Transport hazard class(es)**

**Class** Not assigned.

**Subsidiary risk** -

**Hazard No. (ADR)** Not assigned.

**Tunnel restriction code** Not assigned.

**14.4. Packing group** Not assigned.

**14.5. Environmental hazards** No.

**14.6. Special precautions for user** Not assigned.

### RID

**14.1. UN number** Not regulated as dangerous goods.

**14.2. UN proper shipping name** Not regulated as dangerous goods.

**14.3. Transport hazard class(es)**

**Class** Not assigned.

**Subsidiary risk** -

**14.4. Packing group** Not assigned.

**14.5. Environmental hazards** No.

**14.6. Special precautions for user** Not assigned.

### ADN

**14.1. UN number** Not regulated as dangerous goods.

**14.2. UN proper shipping name** Not regulated as dangerous goods.

**14.3. Transport hazard class(es)**

**Class** Not assigned.

**Subsidiary risk** -

- 14.4. **Packing group** Not assigned.  
 14.5. **Environmental hazards** No.  
 14.6. **Special precautions for user** Not assigned.

#### IATA

- 14.1. **UN number** Not regulated as dangerous goods.  
 14.2. **UN proper shipping name** Not regulated as dangerous goods.  
 14.3. **Transport hazard class(es)**  
     **Class** Not assigned.  
     **Subsidiary risk** -  
 14.4. **Packing group** Not assigned.  
 14.5. **Environmental hazards** No.  
 14.6. **Special precautions for user** Not assigned.

#### IMDG

- 14.1. **UN number** Not regulated as dangerous goods.  
 14.2. **UN proper shipping name** Not regulated as dangerous goods.  
 14.3. **Transport hazard class(es)**  
     **Class** Not assigned.  
     **Subsidiary risk** -  
 14.4. **Packing group** Not assigned.  
 14.5. **Environmental hazards**  
     **Marine pollutant** No.  
     **EmS** Not assigned.  
 14.6. **Special precautions for user** Not assigned.

- 14.7. **Maritime transport in bulk according to IMO instruments** Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

- Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**  
 Not listed.  
**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**  
 Not listed.  
**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**  
 Not listed.  
**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**  
 Not listed.  
**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**  
 Not listed.  
**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**  
 Not listed.  
**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**  
 Not listed.  
**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**  
 Not listed.

#### Authorisations

- Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended**  
 Not listed.

#### Restrictions on use

- Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**  
 Not listed.  
**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.**  
 Not listed.

## Other EU regulations

### Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

## Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

## National regulations

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

## 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

### List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).  
CAS: Chemical Abstract Service.  
CEN: European Committee for Standardization.  
IATA: International Air Transport Association.  
IBC: Intermediate Bulk Container.  
IMDG: International Maritime Dangerous Goods.  
PBT: Persistent, bioaccumulative and toxic.  
MAC: Maximum Allowed Concentration.  
MARPOL: International Convention for the Prevention of Pollution from Ships.  
PBT: Persistent, bioaccumulative and toxic.  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.  
STEL: Short term exposure limit.  
TLV: Threshold Limit Value.  
TWA: Time Weighted Average.  
VLE: Exposure Limit Value.  
VME: Exposure Average Value.  
vPvB: Very persistent and very bioaccumulative.

### References

HSDB® - Hazardous Substances Data Bank  
IARC Monographs. Overall Evaluation of Carcinogenicity

### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

### Full text of any H-statements not written out in full under Sections 2 to 15

None.

### Training information

Follow training instructions when handling this material.

### Disclaimer

CMC Materials Val-Tex cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.



# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>Val-Tex 2000-S</b>
<b>Other means of identification</b>	
<b>Synonyms</b>	Includes sticks of all sizes and bulk packaging.
<b>Recommended use</b>	Lubricant.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer/Supplier</b>	CMC Materials; 15431 Vantage Pkwy E. Suite 210; Houston, Texas 77032; United States
<b>Telephone</b>	1.800.627.9771
<b>E-mail</b>	sales.val-tex@cmcmaterials.com
<b>Representative</b>	CMC Materials; Amber Business Centre; Riddings Alfreton Derbyshire DE55 4DA; United Kingdom
<b>Telephone</b>	+44 (0) 1773 844200
<b>E-mail</b>	sales.val-tex@cmcmaterials.com
<b>Representative</b>	CMC Materials; Les Vieilles Hayes; 50620 Saint Fromond; France
<b>Telephone</b>	+33 (0) 2 33 75 64 00
<b>E-mail</b>	sales.val-tex@cmcmaterials.com
<b>Distributor</b>	CMC Materials Sealweld Canada, INC.; Bay 106, 4116 64th Ave.S.E., Calgary, AB, T2C 2B3
<b>Telephone</b>	1.800.661.8465
<b>E-mail</b>	sales.val-tex@cmcmaterials.com
<b>Emergency phone number</b>	
<b>3E Global Incident Response Hotline</b>	
<b>USA</b>	+1.866.519.4752
<b>International</b>	+1.760.476.3962
<b>Access code</b>	333035
<b>CHEMTREC</b>	For Dangerous Goods Incidents ONLY (spill, leak, fire, exposure or accident), call CHEMTREC 24/7 at:
<b>Canada, USA</b>	+1.800.424.9300
<b>International</b>	+1.703.741.5970

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	The mixture does not meet the criteria for classification.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.



<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	None.

### 3. Composition/information on ingredients

#### Mixtures

<b>Chemical name</b>	<b>CAS number</b>	<b>%</b>
Amorphous Silica	112945-52-5	8.3
Molybdenum disulfide	1317-33-5	1.5

**Composition comments** All concentrations are in percent by weight unless otherwise indicated. Components not listed are either non-hazardous or are below reportable limits.

### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed. Combustion products may include: carbon oxides, metal oxide, silicon oxides, sulfur oxides.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Do not point solid water stream directly into burning oil to avoid spreading. Water may be ineffective in fighting an oil fire unless used by experienced firefighters.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Will burn if involved in a fire.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	The product is immiscible with water and will sediment in water systems. Stop the flow of material, if this is without risk. Contain the discharged material. Shovel the material into waste container. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS. Clean contaminated area with oil-removing material.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

### 7. Handling and storage

<b>Precautions for safe handling</b>	Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Molybdenum disulfide (CAS 1317-33-5)	PEL	15 mg/m <sup>3</sup>	Total dust.

#### US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value
Amorphous Silica (CAS 112945-52-5)	TWA	0.8 mg/m <sup>3</sup>
		20 mppcf

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Molybdenum disulfide (CAS 1317-33-5)	TWA	3 mg/m <sup>3</sup>	Respirable fraction.
		10 mg/m <sup>3</sup>	Inhalable fraction.

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Amorphous Silica (CAS 112945-52-5)	TWA	6 mg/m <sup>3</sup>

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Exposure guidelines

Occupational Exposure Limits are not relevant to the current physical form of the product.

### Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

#### Skin protection

**Hand protection** Wear appropriate chemical resistant gloves.

#### Skin protection

**Other** Wear suitable protective clothing.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

**Physical state** Solid.

**Form** Semi-solid.

**Color** Black.

**Odor** Mild odor.

**Odor threshold** Property has not been measured.

**pH** Property has not been measured.

**Melting point/freezing point** Property has not been measured.

**Initial boiling point and boiling range** Property has not been measured.

**Flash point** 492.8 °F (256 °C)

**Evaporation rate** Property has not been measured.

**Flammability (solid, gas)** Will burn if involved in a fire.

## Upper/lower flammability or explosive limits

**Explosive limit - lower (%)** Property has not been measured.

**Explosive limit - upper (%)** Property has not been measured.

**Vapor pressure** Property has not been measured.

**Vapor density** Property has not been measured.

**Relative density** 1.0897

## Solubility(ies)

**Solubility (water)** Insoluble in water.

**Partition coefficient (n-octanol/water)** Property has not been measured.

**Auto-ignition temperature** Property has not been measured.

**Decomposition temperature** Property has not been measured.

**Viscosity** Property has not been measured.

## Other information

**Density** Property has not been measured.

**Explosive properties** Not explosive.

**Kinematic viscosity** Property has not been measured.

**Oxidizing properties** Not oxidizing.

## 10. Stability and reactivity

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability** Material is stable under normal conditions.

**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.

**Conditions to avoid** Contact with incompatible materials.

**Incompatible materials** Strong oxidizers.

**Hazardous decomposition products** No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** Vapor from heated material or mist may cause respiratory irritation.

**Skin contact** Prolonged skin contact may cause temporary irritation.

**Eye contact** Direct contact with eyes may cause temporary irritation.

**Ingestion** May cause discomfort if swallowed.

### Information on toxicological effects

**Acute toxicity** Not expected to be acutely toxic.

Components	Species	Test Results
------------	---------	--------------

Molybdenum disulfide (CAS 1317-33-5)

#### Acute

##### Inhalation

LC50

Rat

> 2820 mg/m<sup>3</sup>, 4 hours

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

### Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.

## IARC Monographs. Overall Evaluation of Carcinogenicity

Amorphous Silica (CAS 112945-52-5)

3 Not classifiable as to carcinogenicity to humans.

## NTP Report on Carcinogens

Not listed.

## OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Due to the physical form of the product it is not expected to be an aspiration hazard.

## 12. Ecological information

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Mobility in soil</b>	The product is insoluble in water. Expected to have low mobility in soil.
<b>Other adverse effects</b>	None known.

## 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose in accordance with local regulations. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### SARA 304 Emergency release notification

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

### Toxic Substances Control Act (TSCA)

All components of the mixture on the TSCA 8(b) inventory are designated "active".

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** No

### SARA 313 (TRI reporting)

Not regulated.

## Other federal regulations

### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**Safe Drinking Water Act (SDWA)** Contains component(s) regulated under the Safe Drinking Water Act.

## US state regulations

### US. Massachusetts RTK - Substance List

Amorphous Silica (CAS 112945-52-5)

Molybdenum disulfide (CAS 1317-33-5)

### US. New Jersey Worker and Community Right-to-Know Act

Not listed.

### US. Pennsylvania Worker and Community Right-to-Know Law

Amorphous Silica (CAS 112945-52-5)

### US. Rhode Island RTK

Not regulated.

### California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## International Inventories

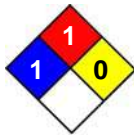
Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

Issue date	01-December-2017
Revision date	06-August-2021
Version #	02

**NFPA ratings****Disclaimer**

CMC Materials Val-Tex cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.



# HOJA DE DATOS DE SEGURIDAD (HDS)

## SECCIÓN 1. Identificación de la sustancia química peligrosa o mezcla y del proveedor o fabricante

<b>Nombre de la sustancia química peligrosa o mezcla</b>	<b>Val-Tex 2000-S</b>
<b>Otros medios de identificación</b>	
<b>Nombre(s) común(es), sinónimo(s)</b>	Incluye varillas de todos los tamaños y embalaje a granel.
<b>Uso recomendado de la sustancia química peligrosa o mezcla, y restricciones de uso</b>	
<b>Uso recomendado</b>	Lubricante.
<b>Restricciones recomendadas</b>	Ninguno conocido/Ninguna conocida.
<b>Datos sobre el proveedor</b>	
<b>Fabricante/proveedor</b>	CMC Materials; 15431 Vantage Pkwy E. Suite 210; Houston, Texas 77032; Estados Unidos
<b>Teléfono</b>	1.800.627.9771
<b>Correo electrónico</b>	Ventas.val-tex@cmcmaterials.com
<b>Representative</b>	CMC Materials; Amber Business Centre; Riddings Alfreton Derbyshire DE55 4DA; United Kingdom
<b>Teléfono</b>	+44 (0) 1773 844200
<b>Correo electrónico</b>	Ventas.val-tex@cmcmaterials.com
<b>Representative</b>	CMC Materials; Les Vieilles Hayes; 50620 Saint Fromond; Francia
<b>Teléfono</b>	+33 (0) 2 33 75 64 00
<b>Correo electrónico</b>	Ventas.val-tex@cmcmaterials.com
<b>Distribuidor</b>	CMC Materials Sealweld Canada, INC.; Bay 106, 4116 64th Ave.S.E., Calgary, AB, T2C 2B3
<b>Teléfono</b>	1.800.661.8465
<b>Correo electrónico</b>	Ventas.val-tex@cmcmaterials.com
<b>Número de teléfono para emergencias</b>	
<b>Línea para urgencias de respuesta a accidentes de 3E Global</b>	
<b>México</b>	+52 55 41696225
<b>EE.UU.</b>	+1.866.519.4752
<b>Internacional</b>	+1.760.476.3962
<b>Código de acceso</b>	333035
<b>CHEMTREC</b>	SOLAMENTE para incidentes de materiales peligrosas (vertido, fuga, incendio, exposición o accidente), llamar a CHEMTREC 24/7 al:
<b>México</b>	01800-710-2151
<b>Canadá, EE.UU.</b>	+1.800.424.9300
<b>Internacional</b>	+1.703.741.5970

## SECCIÓN 2. Identificación de los peligros

### Clasificación de la sustancia química peligrosa o mezcla

<b>Peligros físicos</b>	No clasificado.
<b>Peligros para la salud</b>	No clasificado.
<b>Peligros para el medio ambiente</b>	No clasificado.

**Elementos de la señalización, incluidos los consejos de prudencia y pictogramas de precaución**

<b>Símbolos de peligro</b>	Ninguno.
<b>Palabra de advertencia</b>	Ninguno.
<b>Indicación de peligro</b>	La mezcla no cumple con los criterios de clasificación.
<b>Consejos de prudencia</b>	
<b>Prevención</b>	Respete las normas para un manejo correcto de los químicos.
<b>Respuesta</b>	Lávese las manos después del uso.
<b>Almacenamiento</b>	Consérvese alejado de materiales incompatibles.
<b>Eliminación</b>	Eliminar los desperdicios y residuos de conformidad con la normativa promulgada por las autoridades locales.
<b>Otros peligros que no contribuyen en la clasificación</b>	Ninguno conocido/Ninguna conocida.
<b>Información suplementaria</b>	Ninguno.

**SECCIÓN 3. Composición/información sobre los componentes****Mezclas**

Este producto no contiene sustancias clasificadas como peligrosas para la salud o el medio ambiente de acuerdo con la Norma NMX-R-019-SCFI-2011.

**SECCIÓN 4. Primeros auxilios****Descripción de los primeros auxilios necesarios**

<b>Inhalación</b>	Traslade al aire libre. Llame al médico si los síntomas aparecen o persisten.
<b>Contacto con la cutánea</b>	Lave con agua y jabón. Busque atención médica si la irritación se desarrolla y persiste.
<b>Contacto con los ocular</b>	Enjuagar con agua. Busque atención médica si la irritación se desarrolla y persiste.
<b>Ingestión</b>	Enjuagarse la boca. Obtenga atención médica en caso de síntomas.
<b>Síntomas/efectos más importantes, agudos o retardados</b>	El contacto directo con los ojos puede causar una irritación temporal.
<b>Indicación de la necesidad de recibir atención médica inmediata y, en su caso, de tratamiento especial</b>	Tratamiento sintomático.
<b>Información general</b>	Asegúrese de que el personal médico tenga conocimiento de los materiales involucrados y tome las precauciones adecuadas para su propia protección. Muéstrela esta ficha de seguridad al doctor que esté de servicio.

**SECCIÓN 5. Medidas contra incendios**

<b>Medios de extinción apropiados</b>	Neblina de agua. Espuma. Polvo químico seco. Bióxido de carbono (CO <sub>2</sub> ).
<b>Medios no adecuados de extinción</b>	No utilizar agua a presión, puede extender el incendio.
<b>Peligros específicos del producto químico</b>	En caso de incendio se pueden formar gases nocivos. Los productos de la combustión pueden incluir: óxidos de carbono, Óxido de metal, óxidos de silicio, Óxidos de azufre.
<b>Medidas especiales que deben tomar los equipos de lucha contra incendios</b>	Use aparato respiratorio autónomo y traje de protección completo en caso de incendio.
<b>Equipos/instrucciones para la lucha contra incendios</b>	No apunte el chorro de agua directamente al aceite ardiendo para evitar esparcirlo. El agua puede ser ineficaz para combatir un incendio de petróleo a menos que sea usada por bomberos con experiencia.
<b>Métodos específicos</b>	Utilizar procedimientos estándar contra incendios y considerar los riesgos de otros materiales involucrados.
<b>Riesgos generales de incendio</b>	Arde durante un incendio.

**SECCIÓN 6. Medidas que deben tomarse en caso de derrame accidental o fuga accidental****Precauciones personales, equipo de protección y procedimiento de emergencia**

<b>Para el personal que no forma parte de los servicios de emergencia</b>	Use equipo protector personal adecuado.
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<b>Para el personal de los servicios de emergencia</b>	Mantenga alejado al personal que no sea necesario. Use equipo y ropa de protección apropiados durante la limpieza. Para consultar la protección personal, véase la sección 8 de la HDS.
<b>Precauciones relativas al medio ambiente</b>	No verter los residuos al desagüe, al suelo o las corrientes de agua.
<b>Métodos y materiales para la contención y limpieza de derrames o fugas</b>	El producto no es miscible con agua y se sedimentará en el ambiente acuático. Detenga el flujo de material si esto no entraña riesgos. Contenga el material descargado. Palee el material al recipiente de residuos. Después de recuperar el producto, enjuague el área con agua. Para la eliminación de los residuos, ver la Sección 13 de la HDS. Recogido el producto, se limpia el área contaminada con un producto quita-aceite.

## SECCIÓN 7. Manejo y almacenamiento

<b>Precauciones que se deben tomar para garantizar un manejo seguro</b>	Respete las normas para un manejo correcto de los químicos.
<b>Condiciones de almacenamiento seguro, incluida cualquier incompatibilidad</b>	Almacenar en un recipiente herméticamente cerrado. Almacenar alejado de materiales incompatibles (véase la Sección 10 de la HDS).

## SECCIÓN 8. Controles de exposición/protección personal

<b>Parámetros de control</b>	
<b>Límite(s) de exposición ocupacional</b>	No se indican los límites de exposición de los componentes.
<b>Valores límites biológicos</b>	No se indican límites de exposición biológica para los componentes. Los límites de exposición profesional no son relevantes para la presente forma física del producto.
<b>Directrices de exposición</b>	
<b>Método de control por rango de exposición</b>	Cumplir los procedimientos estándares de monitoreo.
<b>Controles técnicos apropiados</b>	Debe haber una ventilación general adecuada. La frecuencia de la renovación del aire debe corresponder a las condiciones. De ser posible, use campanas extractoras, ventilación aspirada local u otras medidas técnicas para mantener los niveles de exposición por debajo de los límites de exposición recomendados. Si no se han establecido ningunos límites de exposición, el nivel de contaminantes suspendidos en el aire ha de mantenerse a un nivel aceptable.
<b>Medidas de protección individual, como equipo de protección personal, EPP</b>	
<b>Protección para los ojos/la cara</b>	Use gafas de seguridad con protectores laterales (o goggles).
<b>Protección de la piel</b>	
<b>Protección para las manos</b>	Use guantes adecuados resistentes a los productos químicos.
<b>Otros</b>	Úsese indumentaria protectora adecuada.
<b>Protección respiratoria</b>	En caso de ventilación insuficiente, llevar equipo de protección respiratoria.
<b>Peligros térmicos</b>	Llevar ropa adecuada de protección térmica, cuando sea necesario.
<b>Consideraciones generales sobre higiene</b>	Seguir siempre buenas medidas de higiene personal, como lavarse después de manejar el material y antes de comer, beber y/o fumar. Rutinariamente lave la ropa de trabajo y el equipo de protección para eliminar los contaminantes.

## SECCIÓN 9. Propiedades físicas y químicas

<b>Apariencia</b>	
<b>Estado físico</b>	Sólido.
<b>Forma</b>	Semisólida.
<b>Color</b>	Negro.
<b>Olor</b>	Olor suave.
<b>Umbral olfativo</b>	La propiedad no se ha medido.
<b>pH</b>	La propiedad no se ha medido.
<b>Punto de fusión/punto de congelación</b>	La propiedad no se ha medido.
<b>Punto inicial e intervalo de ebullición</b>	La propiedad no se ha medido.

<b>Punto de inflamación</b>	256 °C (492.8 °F)
<b>Tasa de evaporación</b>	La propiedad no se ha medido.
<b>Inflamabilidad (sólido, gas)</b>	Arde durante un incendio.
<b>Límites superior/inferior de inflamabilidad o explosividad</b>	
<b>Límite inferior de explosividad (%)</b>	La propiedad no se ha medido.
<b>Límite superior de explosividad (%)</b>	La propiedad no se ha medido.
<b>Presión de vapor</b>	La propiedad no se ha medido.
<b>Densidad de vapor</b>	La propiedad no se ha medido.
<b>Densidad relativa</b>	1.0897
<b>Coefficiente de reparto: n-octanol/agua</b>	La propiedad no se ha medido.
<b>Temperatura de auto-inflamación</b>	La propiedad no se ha medido.
<b>Temperatura de descomposición</b>	La propiedad no se ha medido.
<b>Viscosidad</b>	La propiedad no se ha medido.
<b>Otras informaciones</b>	
<b>Densidad</b>	La propiedad no se ha medido.
<b>Propiedades explosivas</b>	No explosivo.
<b>Viscosidad cinemática</b>	La propiedad no se ha medido.
<b>Propiedades comburentes</b>	No comburente.
<b>Solubilidad(es)</b>	Insoluble en el agua.

## SECCIÓN 10. Estabilidad y reactividad

<b>Reactividad</b>	El producto es estable y no es reactivo en condiciones normales de uso, almacenamiento y transporte.
<b>Estabilidad química</b>	El material es estable bajo condiciones normales.
<b>Posibilidad de reacciones peligrosas</b>	Ninguno bajo el uso normal.
<b>Condiciones que deberán evitarse</b>	Evitar el contacto con materiales incompatibles.
<b>Materiales incompatibles</b>	Oxidantes fuertes.
<b>Productos de descomposición peligrosos</b>	No se conocen productos de descomposición peligrosos.

## SECCIÓN 11. Información toxicológica

### Información sobre las posibles vías de ingreso

<b>Inhalación</b>	Los vapores o la niebla del material caliente pueden provocar irritación respiratoria.
<b>Contacto con la cutánea</b>	El contacto prolongado con la piel puede causar irritación temporal.
<b>Contacto con los ocular</b>	El contacto directo con los ojos puede causar una irritación temporal.
<b>Ingestión</b>	Si se ingiere puede causar molestias.

### Efectos inmediatos y retardados, así como efectos crónicos producidos por una exposición a corto y largo plazo

#### Medidas numéricas de toxicidad (tales como estimaciones de toxicidad aguda)

<b>Toxicidad aguda</b>	No se espera que sea tóxico agudo.
<b>Corrosión/irritación cutáneas</b>	El contacto prolongado con la piel puede causar irritación temporal.
<b>Lesiones oculares graves/irritación ocular</b>	El contacto directo con los ojos puede causar una irritación temporal.
<b>Sensibilidad respiratoria o cutánea</b>	
<b>Sensibilización respiratoria</b>	No es sensibilizante respiratorio.

<b>Sensibilización cutánea</b>	No se espera que este producto cause sensibilización cutánea.
<b>Mutagenicidad en células germinales</b>	No hay datos disponibles que indiquen que el producto o cualquier compuesto presente en una cantidad superior al 0.1% sea mutagénico o genotóxico.
<b>Carcinogenicidad</b>	No está clasificado en cuanto a la carcinogenicidad en seres humanos.
<b>Toxicidad para la reproducción</b>	No se espera que este producto cause efectos reproductivos o al desarrollo.
<b>Toxicidad sistémica específica de órganos diana - Exposición única</b>	No clasificado.
<b>Toxicidad sistémica específica de órganos diana - Exposiciones repetidas</b>	No clasificado.
<b>Peligro por aspiración</b>	Debido a la forma física del producto no se espera que sea un peligro por aspiración.
<b>Otras informaciones</b>	El producto contiene una sustancia con propiedades de disrupción endocrina.

## SECCIÓN 12. Información ecotoxicológica

<b>Toxicidad</b>	El producto no está clasificado como peligroso para el medio ambiente. Sin embargo, esto no excluye la posibilidad de que los vertidos grandes o frecuentes puedan provocar un efecto nocivo o perjudicial al medio ambiente.
<b>Persistencia y degradabilidad</b>	No existen datos sobre la degradabilidad del producto.
<b>Potencial de bioacumulación</b>	No hay datos sobre la bioacumulación.
<b>Movilidad en el suelo</b>	El producto es insoluble en agua. Se espera que tenga una baja movilidad en el suelo.
<b>Otros efectos adversos</b>	Ninguno conocido/Ninguna conocida.

## SECCIÓN 13. Información relativa a la eliminación de los productos

<b>Métodos de eliminación</b>	
<b>Instrucciones para la eliminación</b>	Recoger y recuperar o botar en recipientes sellados en un vertedero oficial.
<b>Reglamentos locales sobre la eliminación</b>	Elimine de acuerdo con todas las regulaciones aplicables.
<b>Código de residuo peligroso</b>	El Código de Residuo debe ser asignado después de hablar con el usuario, el productor y la compañía de eliminación de residuos.
<b>Residuos/producto no utilizado</b>	Elimine observando las normas locales en vigor. Elimine observando las normas locales en vigor. Los recipientes vacíos o los revestimientos pueden retener residuos del producto. Este material y sus recipientes deben eliminarse de forma segura (véase: Instrucciones para la eliminación).
<b>Envases contaminados</b>	Ya que los recipientes vacíos pueden contener restos de producto, obsérvense las advertencias indicadas en la etiqueta después de vaciarse el recipiente. Los contenedores vacíos deben ser llevados a un sitio de manejo aprobado para desechos, para el reciclado o eliminación.

## SECCIÓN 14. Información relativa al transporte

### SCT

No está regulado como producto peligroso.

### DOT

No está regulado como producto peligroso.

### ADR

No está regulado como producto peligroso.

### RID

No está regulado como producto peligroso.

### ADN

No está regulado como producto peligroso.

### IATA

No está regulado como producto peligroso.

### IMDG

No está regulado como producto peligroso.

**Transporte a granel con arreglo al anexo II de MARPOL 73/789 y al Código IBC** No aplicable (NA).

## SECCIÓN 15. Información reglamentaria

### Disposiciones específicas sobre seguridad, salud y medio ambiente para las sustancias químicas peligrosas o mezclas de que se trate

Esta hoja de datos de seguridad ha sido preparada de acuerdo con la Norma Oficial Mexicana (NOM-018-STPS-2015).

#### Mexico. ACUERDO por el que se determina el listado de sustancias sujetas a reporte de competencia federal para el registro de emisiones y transferencia de contaminantes

No listado.

### Reglamentación internacional

#### Protocolo de Montreal

No aplicable (NA).

#### Convención de Estocolmo

No aplicable (NA).

#### Rotterdam Convention

No aplicable (NA).

#### Protocolo de Kyoto

No aplicable (NA).

#### Convenio de Basilea

No aplicable (NA).

### Inventarios Internacionales

País(es) o región	Nombre del inventario	Listado (sí/no)*
Australia	Inventario Australiano de Sustancias químicas de la Industria (AICIS)	Sí
Canadá	Lista de Sustancias Nacionales (DSL)	Sí
Canadá	Lista de Sustancias No Nacionales (NDSL)	No
China	Inventario de Sustancias Químicas Existentes en China (IECSC, Inventory of Existing Chemical Substances in China)	Sí
Europa	Inventario Europeo de Sustancias Químicas Comerciales (EINECS)	Sí
Europa	Lista Europea de Sustancias Químicas Notificadas (ELINCS)	No
Japón	Inventario de Sustancias Químicas Nuevas y Existentes (ENCS)	Sí
Corea	Lista de Sustancias Químicas Existentes (ECL)	Sí
Nueva Zelanda	Inventario de Nueva Zelanda	Sí
Filipinas	Inventario de Sustancias Químicas de Filipinas (PICCS)	Sí
Taiwán	Inventario de Sustancias Químicas de Taiwán (TCSI)	Sí
Estados Unidos y Puerto Rico	Inventario de la Ley del Control de Sustancias Tóxicas (TSCA)	Sí

\*Un "Sí" indica que todos los componentes de este producto cumplen con los requisitos del inventario administrado por el(los) país(es) responsable(s)

Un "No" indica que uno o más componentes del producto no están listados o están exentos de los requisitos del inventario administrado por el(los) país(es) responsable(s).

## SECCIÓN 16. Otras informaciones incluidas las relativas a la preparación y actualización de las hojas de datos de seguridad

### La fecha de revisión

-

### Lista de abreviaturas

ACGIH: American Conference of Governmental Industrial Hygienists(Conferencia Americana de Higienistas Industriales Gubernamentales).

ADN: Acuerdo Europeo sobre Transporte Internacional de Mercancías Peligrosas por Vías Navegables Interiores.

ADR: Acuerdo Europeo relativo al Transporte Internacional de Mercancías Peligrosas por Carretera.

CAS: Servicio de Chemical Abstracts.

DOT: Departamento de Transporte.

SGA: Sistema Globalmente Armonizado de Clasificación y Etiquetado de Sustancias Chemicals.

IARC: International Agency of Research on Cancer (Agencia Internacional para la Investigación del Cáncer).

IATA: International Air Transportation Association (Asociación Internacional de Transporte Aéreo.)

RIG: Recipiente intermedio para graneles.

IMDG: Marítimo Internacional de Mercancías peligrosas.

MARPOL: Convenio internacional para prevenir la contaminación por los buques.

NFPA: National Fire Protection Agency (Asociación Nacional para la Protección contra Incendios)

RID: Reglamento relativo al Transporte Internacional de Mercancías peligrosas por Ferrocarril.

SCT: Secretaría de Comunicaciones y Transporte (NOM-002-SCT/2011).

## Referencias

NMX-R-019-SCFI-2011 - Sistema armonizado de clasificación y comunicación de peligros de los productos químicos

NOM-010-STPS-2014 (segunda revisión) –Límites de exposición ocupacional – estará vigente a partir del 28 de abril, 2016

NOM-018-STPS-2015 - sistema armonizado para la identificación y comunicación de peligros y riesgos para las sustancias químicas peligrosas en el lugar de trabajo

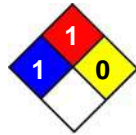
NOM-026-STPS-2008 - Colores y señales de seguridad e higiene, e identificación de riesgos por fluidos conducidos en tuberías.

NOM-028-STPS-2012 – Sistema para la administración del trabajo-Seguridad en los procesos y equipos críticos que manejen sustancias químicas peligrosas

NOM-047-SSA1-2011 –Índices Biológicos de Exposición (IBE) para el personal ocupacionalmente expuesto a sustancias químicas

Cantidad umbral para las sustancias químicas peligrosas en el lugar de trabajo

## Clasificación según NFPA



## Cláusula de exención de responsabilidad

Val-Tex, no puede anticiparse a todas las condiciones bajo las cuales se puede usar esta información y su producto o los productos de otros fabricantes en combinación con su producto. Es responsabilidad del usuario cerciorarse de que haya condiciones seguras para el manejo, almacenamiento y desecho del producto, así como asumir la responsabilidad de pérdida, lesión, daño o gasto debido a un uso inapropiado. La información de esta ficha se ha redactado sobre la base del nivel actual de conocimientos y experiencia disponible.

## 1. Identification

<b>Identificateur de produit</b>	<b>Val-Tex 2000-S</b>
<b>Autres moyens d'identification</b>	
<b>Synonymes</b>	Comprend des bâtons de toutes les dimensions et un emballage en vrac.
<b>Usage recommandé</b>	Lubrifiant.
<b>Restrictions d'utilisation</b>	Aucun(e) connu(e).
<b>Renseignements sur le fabricant/importateur/fournisseur/distributeur</b>	
<b>Fabricant/fournisseur</b>	Val-Tex, LLC; 15431 Vantage Pkwy E. Suite 210; Houston, Texas 77032; États-Unis
<b>Téléphone</b>	1.800.627.9771
<b>Courriel</b>	Ventes.val-tex@cmcmaterials.com
<b>Représentant</b>	CMC Materials; Amber Business Centre; Riddings Alfreton Derbyshire DE55 4DA; United Kingdom
<b>Téléphone</b>	+44 (0) 1773 844200
<b>Courriel</b>	Ventes.val-tex@cmcmaterials.com
<b>Représentant</b>	CMC Materials; Les Vieilles Hayes; 50620 Saint Fromond; France
<b>Téléphone</b>	+33 (0) 2 33 75 64 00
<b>Courriel</b>	Ventes.val-tex@cmcmaterials.com
<b>Distributeur</b>	CMC Materials Sealweld Canada, INC.; Bay 106, 4116 64th Ave.S.E., Calgary, AB, T2C 2B3
<b>Téléphone</b>	1.800.661.8465
<b>Courriel</b>	Ventes.val-tex@cmcmaterials.com
<b>Numéro de téléphone d'urgence</b>	
<b>Ligne d'urgence pour les interventions en cas d'incident de 3E Global</b>	
<b>Canada</b>	+1 760.476.3962
<b>International</b>	+1 760.476.3962
<b>Code d'accès</b>	333035
<b>CHEMTREC</b>	UNIQUEMENT en cas d'accidents concernant les marchandises dangereuses (déversement, fuite, feu, exposition ou accident), appelez CHEMTREC 24/7 au:
<b>Canada, États-Unis</b>	1.800.424.9300
<b>International</b>	+1.703.741.5970

## 2. Identification des dangers

<b>Dangers physiques</b>	Non classé.
<b>Dangers pour la santé</b>	Non classé.
<b>Éléments d'étiquetage</b>	
<b>Symbole de danger</b>	Aucune.
<b>Mention d'avertissement</b>	Aucune.
<b>Mention de danger</b>	Le mélange ne satisfait pas les critères de classification.
<b>Conseil de prudence</b>	
<b>Prévention</b>	Observer de bonnes pratiques d'hygiène industrielle.
<b>Intervention</b>	Se laver les mains après utilisation.

<b>Stockage</b>	Conserver à l'écart de matières incompatibles.
<b>Élimination</b>	Éliminer les rejets et les déchets conformément aux règlements municipaux.
<b>Renseignements supplémentaires</b>	Aucune.
<b>Autres dangers</b>	Aucun(e) connu(e).

### 3. Composition/information sur les ingrédients

#### Mélanges

Les composants ne sont pas dangereux ou sont sous les limites de divulgation requises.

### 4. Premiers soins

<b>Inhalation</b>	Transporter à l'extérieur. Appeler un médecin si des symptômes se développent ou persistent.
<b>Contact avec la peau</b>	Laver avec de l'eau et du savon. Consulter un médecin si une irritation se développe et persiste.
<b>Contact avec les yeux</b>	Rincer avec de l'eau. Consulter un médecin si une irritation se développe et persiste.
<b>Ingestion</b>	Rincer la bouche. Consulter un médecin si des symptômes apparaissent.
<b>Symptômes et effets les plus importants, qu'ils soient aigus ou retardés</b>	Le contact direct avec les yeux peut causer une irritation temporaire.
<b>Mention de la nécessité d'une prise en charge médicale immédiate ou d'un traitement spécial, si nécessaire</b>	Traiter de manière symptomatique.
<b>Informations générales</b>	S'assurer que le personnel médical est averti du (des) produits(s) en cause et qu'il prend des mesures pour se protéger. Présenter cette fiche de données de sécurité au médecin traitant.

### 5. Mesures à prendre en cas d'incendie

<b>Agents extincteurs appropriés</b>	Brouillard d'eau. Mousse. Poudre chimique. Dioxyde de carbone (CO <sub>2</sub> ).
<b>Agents extincteurs inappropriés</b>	Ne pas utiliser un jet d'eau comme agent extincteur, car cela propagera l'incendie.
<b>Dangers spécifiques du produit dangereux</b>	Des gaz dangereux pour la santé peuvent se former pendant un incendie. Les produits de combustion peuvent inclure : oxydes de carbone, Oxyde métallique, oxydes de silicium, Oxydes de soufre.
<b>Équipements de protection spéciaux et précautions spéciales pour les pompiers</b>	Porter un appareil respiratoire autonome et un vêtement de protection complet en cas d'incendie.
<b>Équipement/directives de lutte contre les incendies</b>	Ne pas diriger un jet d'eau solide directement sur l'huile brûlante pour éviter une propagation. L'eau peut être inefficace pour combattre un incendie d'huile à moins qu'elle ne soit utilisée par des pompiers expérimentés.
<b>Méthodes particulières d'intervention</b>	Utiliser des procédures standard en cas d'incendie et tenir compte des dangers des autres substances en cause.
<b>Risques d'incendie généraux</b>	Brûle en cas d'incendie.

### 6. Mesures à prendre en cas de déversement accidentel

<b>Précautions individuelles, équipements de protection et mesures d'urgence</b>	Tenir à l'écart le personnel non requis. Pour la protection individuelle, voir la section 8 de la FDS.
<b>Méthodes et matériaux pour le confinement et le nettoyage</b>	Le produit n'est pas miscible avec l'eau et se sédimentera dans les réseaux d'eau. Arrêter l'écoulement de la substance, si cela peut se faire sans risque. Contenir le matériau déversé. Pelleter le matériau dans un conteneur à déchets. Après avoir récupéré le produit, rincer la zone à l'eau. Pour l'élimination des déchets, voir la section 13 de la FDS. Après l'absorption, nettoyer avec une matière éliminant l'huile.
<b>Précautions relatives à l'environnement</b>	Éviter le rejet dans les égouts, les cours d'eau ou sur le sol.

### 7. Manutention et stockage

<b>Précautions relatives à la sûreté en matière de manutention</b>	Observer de bonnes pratiques d'hygiène industrielle.
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**Conditions de sûreté en matière de stockage, y compris les incompatibilités** Stocker dans des récipients bien fermés. Entreposer à l'écart des substances incompatibles (consulter la section 10 de la FDS).

## 8. Contrôle de l'exposition/protection individuelle

<b>Limites d'exposition professionnelle</b>	Il n'y a pas de limites d'exposition pour ce ou ces ingrédients.
<b>Valeurs biologiques limites</b>	Aucune limite d'exposition biologique observée pour les ingrédients.
<b>Directives au sujet de l'exposition</b>	Les limites d'exposition professionnelle ne sont pas adéquates pour la forme physique actuelle du produit.
<b>Contrôles d'ingénierie appropriés</b>	Il faut utiliser une bonne ventilation générale. Les débits de ventilation doivent être adaptés aux conditions. S'il y a lieu, utiliser des enceintes d'isolement, une ventilation locale ou d'autres mesures d'ingénierie pour maintenir les concentrations atmosphériques sous les limites d'exposition recommandées. Si des limites d'exposition n'ont pas été établies, maintenir les concentrations atmosphériques à un niveau acceptable.
<b>Mesures de protection individuelle, telles que les équipements de protection individuelle</b>	
<b>Protection du visage/des yeux</b>	Porter des lunettes de sécurité à écrans latéraux (ou des lunettes à coques).
<b>Protection de la peau</b>	
<b>Protection des mains</b>	Porter des vêtements appropriés résistants aux produits chimiques
<b>Autre</b>	Porter un vêtement de protection approprié.
<b>Protection respiratoire</b>	En cas de ventilation insuffisante, porter un appareil respiratoire approprié.
<b>Dangers thermiques</b>	Porter des vêtements de protection thermique appropriés, au besoin.
<b>Considérations d'hygiène générale</b>	Toujours adopter de bonnes pratiques d'hygiène personnelle, comme se laver après avoir manipulé la substance et avant de manger, de boire ou de fumer. Laver régulièrement les vêtements de travail et l'équipement de protection pour éliminer les contaminants

## 9. Propriétés physiques et chimiques

<b>Apparence</b>	
<b>État physique</b>	Solide.
<b>Forme</b>	Semi-solide.
<b>Couleur</b>	Noir.
<b>Odeur</b>	Faible odeur.
<b>Seuil olfactif</b>	La propriété chimique n'a pas été mesurée.
<b>pH</b>	La propriété chimique n'a pas été mesurée.
<b>Point de fusion et point de congélation</b>	La propriété chimique n'a pas été mesurée.
<b>Point initial d'ébullition et domaine d'ébullition</b>	La propriété chimique n'a pas été mesurée.
<b>Point d'éclair</b>	256 °C (492.8 °F)
<b>Taux d'évaporation</b>	La propriété chimique n'a pas été mesurée.
<b>Inflammabilité (solides et gaz)</b>	Brûle en cas d'incendie.
<b>Limites supérieures et inférieures d'inflammabilité ou d'explosibilité</b>	
<b>Limite d'explosibilité - inférieure (%)</b>	La propriété chimique n'a pas été mesurée.
<b>Limite d'explosibilité - supérieure (%)</b>	La propriété chimique n'a pas été mesurée.
<b>Tension de vapeur</b>	La propriété chimique n'a pas été mesurée.
<b>Densité de vapeur</b>	La propriété chimique n'a pas été mesurée.
<b>Densité relative</b>	1.0897
<b>Solubilité</b>	
<b>Solubilité (eau)</b>	Insoluble dans l'eau.
<b>Coefficient de partage n-octanol/eau</b>	La propriété chimique n'a pas été mesurée.



<b>Température d'auto-inflammation</b>	La propriété chimique n'a pas été mesurée.
<b>Température de décomposition</b>	La propriété chimique n'a pas été mesurée.
<b>Viscosité</b>	La propriété chimique n'a pas été mesurée.
<b>Autres informations</b>	
<b>Densité</b>	La propriété chimique n'a pas été mesurée.
<b>Propriétés explosives</b>	Non explosif.
<b>Viscosité cinématique</b>	La propriété chimique n'a pas été mesurée.
<b>Propriétés comburantes</b>	Non oxydant.

## 10. Stabilité et réactivité

<b>Réactivité</b>	Le produit est stable et non réactif dans des conditions normales d'utilisation, d'entreposage et de transport.
<b>Stabilité chimique</b>	La substance est stable dans des conditions normales.
<b>Risque de réactions dangereuses</b>	Aucune réaction dangereuse connue dans des conditions normales d'utilisation.
<b>Conditions à éviter</b>	Contact avec des matériaux incompatibles.
<b>Matériaux incompatibles</b>	Oxydants forts.
<b>Produits de décomposition dangereux</b>	Aucun produit dangereux de décomposition n'est connu.

## 11. Données toxicologiques

### Renseignements sur les voies d'exposition probables

<b>Inhalation</b>	La vapeur provenant du produit ou du brouillard chauffé peut irriter les voies respiratoires.
<b>Contact avec la peau</b>	Un contact prolongé avec la peau peut causer une irritation temporaire.
<b>Contact avec les yeux</b>	Le contact direct avec les yeux peut causer une irritation temporaire.
<b>Ingestion</b>	Peut provoquer un malaise en cas d'ingestion.

### Renseignements sur les effets toxicologiques

<b>Toxicité aiguë</b>	On ne s'attend pas à ce que ce produit présente une toxicité aiguë.
<b>Corrosion cutanée/irritation cutanée</b>	Un contact prolongé avec la peau peut causer une irritation temporaire.
<b>Lésions oculaires graves/irritation oculaire</b>	Le contact direct avec les yeux peut causer une irritation temporaire.
<b>Sensibilisation respiratoire ou cutanée</b>	
<b>Sensibilisation respiratoire</b>	Pas un sensibilisant respiratoire.
<b>Sensibilisation cutanée</b>	On ne s'attend pas à ce que ce produit provoque une sensibilisation cutanée.
<b>Mutagénicité sur les cellules germinales</b>	Il n'existe pas de données qui indiquent que ce produit, ou tout composant présent à des taux de plus de 0,1 %, soit mutagène ou génétoxique.
<b>Cancérogénicité</b>	Inclassable quant à sa cancérogénicité pour l'homme.
<b>Toxicité pour la reproduction</b>	On ne s'attend pas à ce que ce produit présente des effets sur la reproduction ou le développement.
<b>Toxicité pour certains organes cibles - exposition unique</b>	Non classé.
<b>Toxicité pour certains organes cibles - expositions répétées</b>	Non classé.
<b>Danger par aspiration</b>	Du fait de la forme physique du produit, aucun danger par aspiration n'est attendu.

## 12. Données écologiques

<b>Écotoxicité</b>	Le produit n'est pas classé comme dangereux pour l'environnement. Toutefois, ceci n'exclut pas la possibilité que des déversements importants ou fréquents puissent avoir un effet nocif ou nuisible sur l'environnement.
<b>Persistance et dégradation</b>	Aucune donnée n'est disponible sur la dégradabilité du produit.
<b>Potentiel de bioaccumulation</b>	Aucune donnée sur la bioaccumulation n'est disponible.

**Mobilité dans le sol** Le produit est insoluble dans l'eau. Faible mobilité prévue dans le sol.  
**Autres effets nocifs** Aucun(e) connu(e).

### 13. Données sur l'élimination

**Instructions pour l'élimination** Recueillir et réutiliser ou éliminer dans des récipients scellés dans un site d'élimination des déchets autorisé.

**Règlements locaux d'élimination** Détruire conformément à toutes les réglementations applicables.

**Code des déchets dangereux** Les codes de déchets doivent être attribués dans le cadre d'une consultation entre l'utilisateur, le fabricant et l'entreprise de décharge.

**Déchets des résidus / produits non utilisés** Éliminer conformément à la réglementation locale. Éliminer conformément à la réglementation locale. Les récipients ou pochettes vides peuvent conserver certains résidus de produit. Éliminer ce produit et son récipient d'une manière sûre (voir : instructions d'élimination).

**Emballages contaminés** Comme les récipients vides peuvent contenir un résidu du produit, suivre les avertissements de l'étiquette, même une fois le récipient vide. Les contenants vides doivent être acheminés vers une installation certifiée de traitement des déchets en vue de leur élimination ou recyclage.

### 14. Informations relatives au transport

#### TMD

N'entre pas dans la réglementation des marchandises dangereuses.

#### IATA

N'entre pas dans la réglementation des marchandises dangereuses.

#### IMDG

N'entre pas dans la réglementation des marchandises dangereuses.

**Transport en vrac selon l'Annexe II de MARPOL 73/78 et le recueil IBC** Sans objet.

### 15. Informations sur la réglementation

**Réglementation canadienne** Ce produit a été classé conformément aux critères de danger énoncés dans le Règlement sur les produits dangereux et la FDS contient tous les renseignements exigés par le Règlement sur les produits dangereux.

#### Loi réglementant certaines drogues et autres substances

Non réglementé.

#### Liste des marchandises d'exportation contrôlée (LCPE 1999, Annexe 3)

Non inscrit.

#### Gaz à effet de serre

Non inscrit.

#### Règlements sur les précurseurs

Non réglementé.

#### Règlements internationaux

##### Convention de Stockholm

Sans objet.

##### Convention de Rotterdam

Sans objet.

##### Protocole de Kyoto

Sans objet.

##### Protocole de Montréal

Sans objet.

##### Convention de Bâle

Sans objet.

#### Inventaires Internationaux

Pays ou région	Nom de l'inventaire	En stock (Oui/Non)*
Australie	Inventaire australien des substances chimiques industrielles (AICIS)	Oui
Canada	Liste intérieure des substances (LIS)	Oui
Canada	Liste extérieure des substances (LES)	Non

<b>Pays ou région</b>	<b>Nom de l'inventaire</b>	<b>En stock (Oui/Non)*</b>
Chine	Inventaire des substances chimiques existantes en Chine (IECSC)	Oui
Europe	Inventaire européen des substances chimiques commerciales existantes (EINECS)	Oui
Europe	Liste européenne des substances chimiques notifiées (ELINCS)	Non
Japon	Inventaire des substances chimiques existantes et nouvelles (ENCS)	Oui
Corée	Liste des produits chimiques existants (ECL)	Oui
Nouvelle-Zélande	Inventaire de la Nouvelle-Zélande	Oui
Philippines	Inventaire philippin des produits et substances chimiques (PICCS)	Oui
Taiwan	Inventaire des substances chimiques de Taïwan (TCSI)	Oui
États-Unis et Porto Rico	Inventaire du TSCA (Toxic Substances Controls Act - Loi réglementant les substances toxiques)	Oui

\*La réponse « Oui » indique que tous les composants du produit sont conformes aux exigences d'entreposage du pays ayant compétence. Un « Non » indique qu'un ou plusieurs composant(s) du produit n'est/ne sont pas inscrit(s) ou exempt(s) d'une inscription sur l'inventaire administré par le(s) pays ayant compétence.

## 16. Autres informations

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**Version n°** 02

**Avis de non-responsabilité** CMC Materials Val-Tex ne peut prévoir toutes les conditions d'utilisation des présentes informations et de son produit, ou des produits d'autres fabricants associés à son produit. Il relève de la responsabilité de l'utilisateur de veiller à assurer une manipulation, un entreposage et une élimination du produit en toute sécurité. L'utilisateur est responsable en cas de perte, de blessure, de dommage ou de frais causés par une utilisation inadéquate. Les renseignements contenus dans cette fiche ont été écrits selon les meilleures connaissances et la meilleure expérience actuellement disponibles.