# SAFETY DATA SHEET



### 1. Identification

**Product identifier REACTIVE CORE MAT® - ORGANOCLAY** 

Other means of identification None.

Recommended use Not available. Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name CETCO, an MTI Company **Address** 2870 Forbs Avenue Hoffman Estates, IL 60192

**United States** 

General Information 800 527-9948 **Telephone** 

Website http://www.cetco.com/LT/ E-mail safetydata@mineralstech.com

**Emergency phone number** 1.866.519.4752 (US, CA, 1 760 476 3962

MX)

Supplier Not available.

2. Hazard identification

Physical hazards Not classified.

**Health hazards** Carcinogenicity Category 1A Category 1

Specific target organ toxicity, repeated

exposure

**Environmental hazards** Not classified.

Label elements



Signal word

**Hazard statement** May cause cancer. Causes damage to organs through prolonged or repeated exposure.

**Precautionary statement** 

Keep out of reach of children. Read label before use. Obtain special instructions before use. Do Prevention

not handle until all safety precautions have been read and understood. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Observe good industrial

hygiene practices.

Response If medical advice is needed, have product container or label at hand. IF exposed or concerned:

Get medical advice/attention. Wash hands after handling.

Storage Store locked up. Store away from incompatible materials.

Dispose of waste and residues in accordance with local authority requirements. Dispose of Disposal

contents/container in accordance with local/regional/national/international regulations.

Other hazards None known.

Supplemental information 85% of the mixture consists of component(s) of unknown acute oral toxicity. 85% of the mixture

consists of component(s) of unknown acute dermal toxicity. 85% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 85% of the mixture consists

of component(s) of unknown long-term hazards to the aquatic environment.

# 3. Composition/information on ingredients

**Mixtures** 

Material name: REACTIVE CORE MAT® - ORGANOCLAY 5190 Version #: 06 Revision date: 08-March-2019 Issue date: 10-July-2018

#### Constituents

Chemical name	Common name and synonyms	CAS number	%
QUARTZ (SIO2)		14808-60-7	<= 5
CRISTOBALITE		14464-46-1	<= 1.7

DSD: Directive 67/548/EEC. CLP: Regulation No. 1272/2008.

#: This substance has been assigned Community workplace exposure limit(s).

M: M-factor

PBT: persistent, bioaccumulative and toxic substance. vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. \*Designates that

a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**Composition comments** 

Occupational Exposure Limits for constituents are listed in Section 8. Occupational Exposure Limits for impurities are listed in Section 8. The full text for all R- and H-phrases is displayed in section 16. This product contains naturally occurring crystalline silica (not listed in Annex I of Directive 67/548/EEC) in quantities less than 5%.

## 4. First-aid measures

Inhalation If symptoms are experienced, remove source of contamination or move victim to fresh air. If the

affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call

a physician if symptoms develop or persist.

Get medical attention if irritation develops or persists. No special measures required. Skin contact

Flush eyes immediately with large amounts of water. Get medical attention if irritation develops or Eye contact

Ingestion If ingestion of a large amount does occur, seek medical attention. No special measures required.

Most important

symptoms/effects, acute and

delayed Indication of immediate

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Direct contact with eyes may cause temporary irritation. Prolonged exposure may cause chronic

medical attention and special treatment needed

General information

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing

media

Dry chemical, CO2, water spray or regular foam. Use any media suitable for the surrounding fires.

Do not use water jet as an extinguisher, as this will spread the fire.

During fire, gases hazardous to health may be formed.

Specific hazards arising from

the chemical

Special protective equipment As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH and precautions for firefighters

(approved or equivalent) and full protective gear. Move containers from fire area if you can do so without risk.

Fire fighting

equipment/instructions Specific methods

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

General fire hazards Not a fire hazard. No unusual fire or explosion hazards noted.

#### 6. Accidental release measures

Personal precautions. protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Wear a dust mask if dust is generated above exposure limits. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Avoid the generation of dusts during clean-up. This product is miscible in water. Collect dust or particulates using a vacuum cleaner with a HEPA filter. Stop the flow of material, if this is without risk. Following product recovery, flush area with water. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS. None necessary. Reduce airborne dust and prevent scattering by moistening with water.

**Environmental precautions** 

Avoid discharge into drains, water courses or onto the ground.

# 7. Handling and storage

#### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. No special restrictions on storage with other products. Store in original tightly closed container. No special storage conditions required. Guard against dust accumulation of this material. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

3 mg/m3

# 8. Exposure controls/personal protection

# Occupational exposure limits

Constituents	ies Type	Value	Form
CRISTOBALITE (CAS 14464-46-1)	TWA	0.025 mg/m3	Respirable fraction.
QUARTZ (SIO2) (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
Canada. Alberta OELs (Occupati Constituents	ional Health & Safety Code, Sch Type	nedule 1, Table 2) Value	Form
CRISTOBALITE (CAS 14464-46-1)	TWA	0.025 mg/m3	Respirable.
•		0.025 mg/m3	Respirable particles.
QUARTZ (SIO2) (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable particles.
Impurities	Туре	Value	Form
TRADE SECRET	TWA	3 mg/m3	Respirable particles.
		10 mg/m3	Total particulate.
	•	Value	Form
Constituents	Туре	<b>Value</b> 0.025 mg/m3	Form  Respirable fraction
CRISTOBALITE (CAS 14464-46-1)	Type TWA	0.025 mg/m3	Respirable fraction.
Constituents CRISTOBALITE (CAS 14464-46-1) QUARTZ (SIO2) (CAS	Туре		
Constituents CRISTOBALITE (CAS 14464-46-1) QUARTZ (SIO2) (CAS 14808-60-7)	Type TWA	0.025 mg/m3	Respirable fraction.
Constituents CRISTOBALITE (CAS 14464-46-1) QUARTZ (SIO2) (CAS 14808-60-7) Impurities	Type TWA TWA	0.025 mg/m3 0.025 mg/m3	Respirable fraction.  Respirable fraction.
Safety Regulation 296/97, as ame Constituents  CRISTOBALITE (CAS 14464-46-1)  QUARTZ (SIO2) (CAS 14808-60-7)  Impurities  TRADE SECRET	Type TWA TWA Type	0.025 mg/m3 0.025 mg/m3 <b>Value</b>	Respirable fraction. Respirable fraction. Form
Constituents  CRISTOBALITE (CAS 14464-46-1)  QUARTZ (SIO2) (CAS 14808-60-7)  Impurities  TRADE SECRET	Type TWA TWA Type TWA	0.025 mg/m3 0.025 mg/m3  Value 3 mg/m3 10 mg/m3	Respirable fraction.  Respirable fraction.  Form  Respirable fraction.
Constituents  CRISTOBALITE (CAS 14464-46-1)  QUARTZ (SIO2) (CAS 14808-60-7)  Impurities  TRADE SECRET  Canada. Manitoba OELs (Reg. 2	Type TWA TWA Type TWA	0.025 mg/m3 0.025 mg/m3  Value 3 mg/m3 10 mg/m3	Respirable fraction.  Respirable fraction.  Form  Respirable fraction.
Constituents CRISTOBALITE (CAS 14464-46-1) QUARTZ (SIO2) (CAS 14808-60-7) Impurities	Type TWA TWA Type TWA TYPE TWA TWA	0.025 mg/m3 0.025 mg/m3  Value 3 mg/m3 10 mg/m3  And Health Act)	Respirable fraction. Respirable fraction. Form Respirable fraction. Total dust.
Constituents  CRISTOBALITE (CAS 14464-46-1)  QUARTZ (SIO2) (CAS 14808-60-7)  Impurities  TRADE SECRET  Canada. Manitoba OELs (Reg. 2: Constituents  CRISTOBALITE (CAS	Type TWA TWA Type TWA  TYPE TWA  17/2006, The Workplace Safety Type	0.025 mg/m3 0.025 mg/m3  Value 3 mg/m3 10 mg/m3  And Health Act) Value	Respirable fraction. Respirable fraction. Form Respirable fraction. Total dust. Form
Constituents  CRISTOBALITE (CAS 14464-46-1)  QUARTZ (SIO2) (CAS 14808-60-7)  Impurities  TRADE SECRET  Canada. Manitoba OELs (Reg. 2: Constituents  CRISTOBALITE (CAS 14464-46-1)  QUARTZ (SIO2) (CAS 14808-60-7)	Type TWA TWA Type TWA  17/2006, The Workplace Safety Type TWA  TWA	0.025 mg/m3 0.025 mg/m3  Value 3 mg/m3 10 mg/m3  And Health Act) Value  0.025 mg/m3  0.025 mg/m3	Respirable fraction. Respirable fraction. Form Respirable fraction. Total dust. Form Respirable fraction. Respirable fraction.
Constituents  CRISTOBALITE (CAS 14464-46-1)  QUARTZ (SIO2) (CAS 14808-60-7)  Impurities  TRADE SECRET  Canada. Manitoba OELs (Reg. 2: Constituents  CRISTOBALITE (CAS 14464-46-1)  QUARTZ (SIO2) (CAS 14808-60-7)  Canada. Ontario OELs. (Control	Type TWA TWA Type TWA  17/2006, The Workplace Safety Type TWA  TWA	0.025 mg/m3 0.025 mg/m3  Value 3 mg/m3 10 mg/m3  And Health Act) Value  0.025 mg/m3  0.025 mg/m3	Respirable fraction. Respirable fraction. Form Respirable fraction. Total dust. Form Respirable fraction.
Constituents  CRISTOBALITE (CAS 14464-46-1)  QUARTZ (SIO2) (CAS 14808-60-7)  Impurities  TRADE SECRET  Canada. Manitoba OELs (Reg. 2: Constituents  CRISTOBALITE (CAS 14464-46-1)  QUARTZ (SIO2) (CAS 14808-60-7)  Canada. Ontario OELs. (Control Constituents  CRISTOBALITE (CAS	Type TWA TWA Type TWA  17/2006, The Workplace Safety Type TWA TWA  TWA  TWA	0.025 mg/m3 0.025 mg/m3  Value 3 mg/m3 10 mg/m3  And Health Act) Value  0.025 mg/m3 0.025 mg/m3	Respirable fraction. Respirable fraction. Form Respirable fraction. Total dust. Form Respirable fraction. Respirable fraction.
Constituents  CRISTOBALITE (CAS 14464-46-1) QUARTZ (SIO2) (CAS 14808-60-7) Impurities  TRADE SECRET  Canada. Manitoba OELs (Reg. 2: Constituents  CRISTOBALITE (CAS 14464-46-1) QUARTZ (SIO2) (CAS	Type TWA TWA Type TWA  17/2006, The Workplace Safety Type TWA TWA TWA TWA TWA	0.025 mg/m3 0.025 mg/m3  Value 3 mg/m3 10 mg/m3  And Health Act) Value  0.025 mg/m3 0.025 mg/m3 hemical Agents) Value	Respirable fraction. Respirable fraction. Form Respirable fraction. Total dust. Form Respirable fraction. Respirable fraction. Form

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TRADE SECRET

SDS CANADA

Respirable fraction.

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TWA

Impurities	Туре	Value	Form	
		10 mg/m3	Inhalable fraction.	
Canada. Quebec OELs. (	Ministry of Labor - Regulation respectin	g occupational health and sa	afety)	
Constituents	Туре	Value	Form	
CRISTOBALITE (CAS 14464-46-1)	TWA	0.05 mg/m3	Respirable dust.	
QUARTZ (SIO2) (CAS 14808-60-7)	TWA	0.1 mg/m3	Respirable dust.	
Impurities	Туре	Value	Form	
TRADE SECRET	TWA	10 mg/m3	Total dust.	
CRISTORALITE (CAS	Type 15 minute	Value	Inhalable fraction	
CRISTOBALITE (CAS	15 minute	10 mg/m3	Inhalable fraction.	
14464-46-1)		0.05 / 0	<b>5</b>	
	8 hour	0.05 mg/m3	Respirable fraction.	
QUARTZ (SIO2) (CAS 14808-60-7)	8 hour	0.05 mg/m3	Respirable fraction.	
Impurities	Туре	Value	Form	
TRADE SECRET	15 minute	6 mg/m3	Respirable fraction.	
		20 mg/m3	Inhalable fraction.	
	8 hour	3 mg/m3	Respirable fraction	
		10 mg/m3	Inhalable fraction.	
ogical limit values	No biological exposure limits noted fo	r the ingredient(s).		
osure guidelines	Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.			
	should be morntored and controlled.			

Bio Ex

Appropriate engineering controls

If engineering measures are not sufficient to maintain concentrations of dust particulates below the OEL, suitable respiratory protection must be worn. Good general ventilation (typically 10 air changes per hour) 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. If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits.

## Individual protection measures, such as personal protective equipment

Wear dust goggles. Eye/face protection

Skin protection

Wear appropriate chemical resistant gloves. Hand protection

Other Use of an impervious apron is recommended. No special protective equipment required.

Use a particulate filter respirator for particulate concentrations exceeding the Occupational Respiratory protection

Exposure Limit.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements. 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. Eve wash fountain is recommended. Use good industrial hygiene practices in handling this material.

# 9. Physical and chemical properties

**Appearance** The product consists of bentonite granules between geotextile layers

Solid. Physical state

Solid. Mat or Fabric **Form** 

Color Various. Odor None. Not available. Odor threshold

Not available. pН Melting point/freezing point Not available. Initial boiling point and boiling Not available.

range

Non-flammable Flash point **Evaporation rate** Not available. Flammability (solid, gas) Not available. Upper/lower flammability or explosive limits

Flammability limit - lower

Non-explosive

(%)

Flammability limit - upper

Non-explosive

Not available.

Explosive limit - lower (%) Not available. Explosive limit - upper (%) Not available. Not available. Vapor pressure Vapor density Not available.

Relative density Solubility(ies)

Solubility (water) Negligible **Partition coefficient** Not available.

(n-octanol/water)

Not available. **Auto-ignition temperature Decomposition temperature** Not available. **Viscosity** Not available.

Other information

**Explosive properties** Not explosive. Oxidizing properties Not oxidizing. 0 % estimated Percent volatile

# 10. Stability and reactivity

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

**Chemical stability** Stable at normal conditions.

Possibility of hazardous

reactions

Will not occur.

Conditions to avoid None known. Contact with incompatible materials.

Incompatible materials None known. Hazardous decomposition None known.

products

# 11. Toxicological information

Information on likely routes of exposure

Inhalation No adverse effects due to inhalation are expected. Skin contact No adverse effects due to skin contact are expected. Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Not known. **Acute toxicity** 

Material name: REACTIVE CORE MAT® - ORGANOCLAY 5190 Version #: 06 Revision date: 08-March-2019 Issue date: 10-July-2018 Toxicological data

Constituents Species Test Results

CRISTOBALITE (CAS 14464-46-1)

<u>Acute</u> Oral

LD50 Rat > 22500 mg/kg

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

Serious eye damage/eye

irritation

Mild irritant to eyes (according to the modified Kay & Calandra criteria)

Respiratory or skin sensitization

Canada - Alberta OELs: Irritant

CRISTOBALITE (CAS 14464-46-1) Irritant

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** According to the classification criteria of the European Union, the product is not considered as

being a skin irritant.

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

**Carcinogenicity** May cause cancer.

**ACGIH Carcinogens** 

CRISTOBALITE (CAS 14464-46-1)

QUARTZ (SIO2) (CAS 14808-60-7)

A2 Suspected human carcinogen.

A2 Suspected human carcinogen.

Canada - Alberta OELs: Carcinogen category

CRISTOBALITE (CAS 14464-46-1)

QUARTZ (SIO2) (CAS 14808-60-7)

Suspected human carcinogen.

Suspected human carcinogen.

Canada - Manitoba OELs: carcinogenicity

CRISTOBALITE (CAS 14464-46-1)

QUARTZ (SIO2) (CAS 14808-60-7)

Suspected human carcinogen.

Suspected human carcinogen.

Canada - Quebec OELs: Carcinogen category

CRISTOBALITE (CAS 14464-46-1) Detected carcinogenic effect in animals. QUARTZ (SIO2) (CAS 14808-60-7) Suspected carcinogenic effect in humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

CRISTOBALITE (CAS 14464-46-1) 1 Carcinogenic to humans. QUARTZ (SIO2) (CAS 14808-60-7) 1 Carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens

CRISTOBALITE (CAS 14464-46-1) Known To Be Human Carcinogen.

Reasonably Anticipated to be a Human Carcinogen.

QUARTZ (SIO2) (CAS 14808-60-7) Known To Be Human Carcinogen.

**Reproductive toxicity**This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Not an aspiration hazard.

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#### **Chronic effects**

In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However in making the overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.)

In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003)

According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. Causes damage to organs through prolonged or repeated exposure. Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

# 12. Ecological information

**Ecotoxicity**This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms

and aquatic systems.

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

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

# 13. Disposal considerations

**Disposal instructions**Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of

contents/container in accordance with local/regional/national/international regulations. Material

should be recycled if possible.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code**The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused Disp

products

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).

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.

# 14. Transport information

### **TDG**

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

Not applicable.

the IBC Code

# 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.

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#### **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.

Country(s) or region

### **International Inventories**

Australia	Australian Inventory of Chemical Substances (AICS)	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	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes

Taiwan Taiwan Chemical Substance Inventory (TCSI)
United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

# 16. Other information

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Further information This safety datasheet only contains information relating to safety and does not replace any product

information or product specification.

References ACGIH

EPA: AQUIRE database

**Inventory name** 

NLM: Hazardous Substances Data Base

US. IARC Monographs on Occupational Exposures to Chemical Agents

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On inventory (yes/no)\*

No

Yes

<sup>\*</sup>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).

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

Third party materials: Insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of this product in conjunction with materials from another supplier. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. CETCO, an MTI Company 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.

**Revision information** 

Product and Company Identification: Alternate Trade Names