

# SAFETY DATA SHEET

**Issue Date** 26-Feb-2021 **Revision Date** 24-Apr-2023 **Version** 5.2 **Page** 1 / 14

## 1. IDENTIFICATION

**Product identifier** 

Product Name ManVer® 2 Hardness Indicator

Other means of identification

Product Code(s) 85199

Safety data sheet number M00004

Recommended use of the chemical and restrictions on use

**Recommended Use** Laboratory reagent. Hardness determination.

Uses advised against Consumer use.

**Restrictions on use** For Laboratory Use Only.

Details of the supplier of the safety data sheet

**Manufacturer Address** 

Hach Company, P.O.Box 389, Loveland, CO 80539, USA, +1(970) 669-3050

Emergency telephone number

+1(303) 623-5716 - 24 Hour Service

## 2. HAZARDS IDENTIFICATION

#### Classification

### **Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 2

### Hazards not otherwise classified (HNOC)

Not applicable

### **Label elements**

## Signal word

Warning



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#### **Hazard statements**

H317 - May cause an allergic skin reaction

H351 - Suspected of causing cancer

H373 - May cause damage to organs through prolonged or repeated exposure

#### **Precautionary statements**

P272 - Contaminated work clothing should not be allowed out of the workplace

P280 - Wear protective gloves, protective clothing, eye protection, and face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

P363 - Wash contaminated clothing before reuse

P501 - Dispose of contents/ container to an approved waste disposal plant

P201 - Obtain special instructions before use

P308 + P313 - IF exposed or concerned: Get medical advice/attention

P405 - Store locked up

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P314 - Get medical advice/attention if you feel unwell

#### Other Hazards Known

May be harmful if swallowed Causes mild skin irritation Toxic to aquatic life

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable

## **Mixture**

Chemical Family Mixture.

Chemical nature Inorganic Compound.

## Percent ranges are used where confidential product information is applicable.

Chemical name	CAS No	Percent Range	HMRIC #
Hydroxylamine, hydrochloride	5470-11-1	<10%	-
Silica, amorphous	7631-86-9	1 - 5%	-

#### 4. FIRST AID MEASURES

### **Description of first aid measures**

General advice IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the

doctor in attendance.

**Inhalation** Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin contact Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation

or allergic reactions see a physician.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

#### Most important symptoms and effects, both acute and delayed

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**Symptoms** Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

May cause sensitization in susceptible persons. Treat symptomatically. Note to physicians

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the

surrounding environment.

Caution: Use of water spray when fighting fire may be inefficient. **Unsuitable Extinguishing Media** 

Specific hazards arising from the chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

**Hazardous combustion products** 

Hydrogen chloride. Sodium monoxide. Nitrogen oxides.

Special protective equipment for

fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

**U.S. Notice** Only persons properly qualified to respond to an emergency involving hazardous

substances may respond to a spill according to federal regulations (OSHA 29 CFR

1910.120(a)(v)) and per your company's emergency response plan and

guidelines/procedures. See Section 13, Special Instructions for disposal assistance. Outside of the US, only persons properly qualified according to state or local regulations should

respond to a spill involving chemicals.

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Personal precautions

Ensure adequate ventilation. Use personal protective equipment as required. Evacuate

personnel to safe areas.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

**Environmental precautions** See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. **Methods for containment** 

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections See section 8 for more information. See section 13 for more information.

7. HANDLING AND STORAGE

Precautions for safe handling

In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or Advice on safe handling

smoke when using this product. Take off contaminated clothing and wash before reuse.

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Avoid contact with skin, eyes or clothing. Handle in accordance with good industrial hygiene

and safety practice. Ensure adequate ventilation.

#### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Keep out of the reach of children.

Flammability class Not applicable

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### **Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Silica, amorphous	-	TWA: 50 μg/m <sup>3</sup>	IDLH: 3000 mg/m <sup>3</sup>
CAS#: 7631-86-9		(vacated) TWA: 6 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup>
		TWA: 20 mppcf	_
		: '	

Appropriate engineering controls

**Engineering Controls** Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are

exceeded or irritation is experienced, ventilation and evacuation may be required. Wear

breathing apparatus if exposed to vapors/dusts/aerosols.

**Hand Protection** Wear suitable gloves. Gloves must be inspected prior to use. The selected protective

> gloves have to satisfy the specifications of EU Directive 2016/425 and the standard EN 374 derived from it. Chemical resistant gloves made of butyl rubber or nitrile rubber category III

according to EN 374-1:2016.

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

Skin and body protection Wear suitable protective clothing.

Do not eat, drink or smoke when using this product. Wash hands before breaks and **General Hygiene Considerations** 

immediately after handling the product.

**Environmental exposure controls** Local authorities should be advised if significant spillages cannot be contained. Do not allow

into any sewer, on the ground or into any body of water.

Thermal hazards None under normal processing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

## Information on basic physical and chemical properties

Physical state

Solid

**Appearance** Color powder red

Odor Odorless Odor threshold No data available

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**Property** Values Remarks • Method

No data available Molecular weight

рH 3.3 5% Solution

151 °C / 303.8 °F Melting point/freezing point

Initial boiling point and boiling range No data available

Not applicable **Evaporation rate** 

Not applicable Vapor pressure

No data available Relative vapor density

Specific gravity - VALUE 1 2.12

Partition coefficient  $log K_{ow} \sim -0.2$ 

**Soil Organic Carbon-Water Partition** 

Coefficient

log K<sub>oc</sub> ~ 0.1

**Autoignition temperature** No data available

No data available **Decomposition temperature** 

**Dynamic viscosity** Not applicable

Kinematic viscosity Not applicable

Solubility(ies)

## Water solubility

Water solubility classification	Water solubility	Water Solubility Temperature
Soluble	> 1000 mg/L	25 °C / 77 °F

#### Solubility in other solvents

Chemical Name	Solubility classification	<u>Solubility</u>	Solubility Temperature
None reported	No information available	No data available	No information available

#### **Other information**

### **Metal Corrosivity**

**Steel Corrosion Rate** 2.59 mm/yr / 0.1 in/yr **Aluminum Corrosion Rate** 1.14 mm/yr / 0.04 in/yr

## **Volatile Organic Compounds (VOC) Content**

Not applicable

Chemical name	CAS No	Volatile organic compounds (VOC) content	CAA (Clean Air Act)
Hydroxylamine, hydrochloride	5470-11-1	No data available	-
Silica, amorphous	7631-86-9	No data available	-

#### **Explosive properties**

No data available **Upper explosion limit** Lower explosion limit No data available

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Flammable properties

Flash point Not applicable

Flammability Limit in Air

Upper flammability limit:No data availableLower flammability limit:No data available

Oxidizing properties No data available.

Bulk density

No data available

## 10. STABILITY AND REACTIVITY

#### Reactivity

Not applicable.

#### Chemical stability

Stable under normal conditions.

#### **Explosion data**

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

#### Possibility of hazardous reactions

None under normal processing.

## **Hazardous polymerization**

None under normal processing.

### Conditions to avoid

None known based on information supplied.

#### Incompatible materials

Strong oxidizing agents, strong acids, and strong bases.

### Hazardous decomposition products

Hydrogen chloride. Sodium monoxide. Nitrogen oxides.

### 11. TOXICOLOGICAL INFORMATION

## Information on likely routes of exposure

### **Product Information**

**Inhalation** No known effect based on information supplied.

**Eye contact** No known effect based on information supplied.

Skin contact May cause sensitization by skin contact. Repeated or prolonged skin contact may cause

allergic reactions with susceptible persons.

**Ingestion** No known effect based on information supplied.

Symptoms Itching. Rashes. Hives.

**Acute toxicity** 

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Based on available data, the classification criteria are not met

#### **Mixture**

No data available.

#### **Ingredient Acute Toxicity Data**

Test data reported below.

## **Oral Exposure Route**

Chemical name	Endpoint type	Reported dose	Exposure time	Toxicological effects	Key literature references and sources for data
Hydroxylamine, hydrochloride (<10%) CAS#: 5470-11-1	Rat LD <sub>50</sub>	141 mg/kg	None reported	None reported	Vendor SDS

#### **Unknown Acute Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity.

### **Acute Toxicity Estimations (ATE)**

#### The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	2,109.00 mg/kg
ATEmix (dermal)	12,373.4533183352 mg/kg
ATEmix (inhalation-dust/mist)	No information available
ATEmix (inhalation-vapor)	No information available
ATEmix (inhalation-gas)	No information available

### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

### **Mixture**

No data available.

## Ingredient Skin Corrosion/Irritation Data

Test data reported below.

Chemical name	Test method	Species	Reported dose	Exposure time	Results	Key literature references and sources for data
Silica, amorphous (1 - 5%) CAS#: 7631-86-9	Standard Draize Test	Rabbit	500 mg	24 hours	Not corrosive or irritating to skin	IUCLID

#### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

### **Mixture**

No data available.

#### Ingredient Eye Damage/Eye Irritation Data

Test data reported below.

Chemical name	Test method	Species	Reported dose	Exposure time	Results	Key literature references and sources for data
Silica, amorphous (1 - 5%)	Standard Draize Test	Rabbit	25 mg	24 hours	Mild eye irritant	IUCLID

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CAS#: 7631-86-9			

## Respiratory or skin sensitization

May cause sensitization by skin contact.

#### **Mixture**

No data available.

#### **Ingredient Sensitization Data**

Test data reported below.

## **Skin Sensitization Exposure Route**

Chemical name	Test method	Species	Results	Key literature references and sources for data
Silica, amorphous (1 - 5%)	OECD Test No. 406: Skin	Guinea pig	Not confirmed to be a skin sensitizer	IUCLID
CAS#: 7631-86-9	Sensitization			

#### STOT - single exposure

Based on available data, the classification criteria are not met.

#### **Mixture**

No data available.

#### Ingredient Specific Target Organ Toxicity Single Exposure Data

Test data reported below.

## **Oral Exposure Route**

Chemical name	Endpoint	Reported	Exposure	Toxicological effects	Key literature references and
	type	dose	time		sources for data
Silica, amorphous (1 - 5%) CAS#: 7631-86-9	Rat LC∟₀	5000 mg/kg	None reported	None reported	RTECS

#### Inhalation (Dust/Mist) Exposure Route

Γ	Chemical name	Endpoint	Reported	Exposure	Toxicological effects	Key literature references and
		type	dose	time		sources for data
	Silica, amorphous	Rat	2.19 mg/L	4 hours	Lungs, Thorax, or	RTECS
	(1 - 5%)	LC∟₀			Respiration	
L	CAS#: 7631-86-9				Dyspnea	

### **STOT - repeated exposure**

May cause damage to organs.

#### **Mixture**

No data available.

## Ingredient Specific Target Organ Toxicity Repeat Exposure Data

Test data reported below.

### **Oral Exposure Route**

Chemical name	Endpoint type	Reported dose	Exposure time	Toxicological effects	Key literature references and sources for data
Hydroxylamine,	Rat	2478 mg/kg	6 days	Behavioral	NIOSH
hydrochloride	LDLo		-	Food intake	
(<10%)				Blood	
CAS#: 5470-11-1				Changes in blood leukocyte	

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	count Nutritional and Gross Metabolic	
	Weight loss or decreased weight	
	gain	

## Inhalation (Dust/Mist) Exposure Route

Endpoint type	Reported dose	Exposure time	Toxicological effects	Key literature references and sources for data
Rat TC <sub>Lo</sub>	0.154 mg/L	28 days	Lungs, Thorax, or Respiration	RTECS
. 320			Structural or functional change	
	type	type dose Rat 0.154 mg/L	type         dose         time           Rat         0.154 mg/L         28 days	type dose time  Rat 0.154 mg/L 28 days Lungs, Thorax, or

#### Carcinogenicity

Classification based on data available for ingredients. Contains a known or suspected carcinogen.

#### **Mixture**

No data available.

## **Ingredient Carcinogenicity Data**

No data available.

Chemical name	CAS No	ACGIH	IARC	NTP	OSHA
Hydroxylamine, hydrochloride	5470-11-1	-	-	-	1
Silica, amorphous	7631-86-9	-	Group 3	Known	Χ

### Legend

ACGIH (American Conference of Governmental Industrial Hygienists)	Does not apply
IARC (International Agency for Research on Cancer)	Group 3 - Not classifiable as a human
	carcinogen
NTP (National Toxicology Program)	Does not apply
OSHA	Does not apply

## Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Mixture invitro Data

No data available.

## Substance invitro Data

No data available.

#### Mixture invivo Data

No data available.

#### Substance invivo Data

No data available.

## Reproductive toxicity

Based on available data, the classification criteria are not met.

### Mixture

No data available.

## **Ingredient Reproductive Toxicity Data**

No data available.

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## **Aspiration hazard**

Based on available data, the classification criteria are not met.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Based on available data, the classification criteria are not met.

**Unknown aquatic toxicity** 0% of the mixture consists of components(s) of unknown hazards to the aquatic

environment.

**Mixture** 

**Aquatic Acute Toxicity** 

No data available.

**Aquatic Chronic Toxicity** 

No data available.

**Substance** 

**Aquatic Acute Toxicity** 

Test data reported below.

**Fish** 

Chemical name	Exposure time	Species	Endpoint type	Reported dose	Key literature references and sources for data
Silica, amorphous (1 - 5%) CAS#: 7631-86-9	96 hours	Brachydanio rerio	LC50	5000 mg/L	IUCLID

### Crustacea

Chemical	l name	Exposure time	Species	Endpoint type	Reported dose	Key literature references and sources for data
Silica, amo (1 - 5	%)	48 Hours	Ceriodaphnia dubia	EC <sub>50</sub>	7600 mg/L	IUCLID
CAS#: 763	31-86-9					

#### Algae

Chemical name	Exposure time	Species	Endpoint type	Reported dose	Key literature references and sources for data
Silica, amorphous (1 - 5%)	72 Hours	Selenastrum capricornutum	EC50	440 mg/L	IUCLID
CAS#: 7631-86-9					

## **Aquatic Chronic Toxicity**

No data available.

### Persistence and degradability

**Mixture** 

No data available.

Bioaccumulation

MATERIAL DOES NOT BIOACCUMULATE

**Mixture** 

No data available.

**Partition coefficient** 

log Kow ~ -0.2

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**Mobility** 

**Soil Organic Carbon-Water Partition Coefficient** 

log Koc ~ 0.1

Other adverse effects No information available

### 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused

products

Dispose of in accordance with local regulations. Dispose of waste in accordance with

environmental legislation.

Contaminated packaging Do not reuse empty containers.

**US EPA Waste Number** No information available

Special instructions for disposal

Work in an approved fume hood. Dilute material with excess water making a weaker than 5% solution. Adjust to a pH between 6 and 9 with an alkali, such as soda ash or sodium bicarbonate. If permitted by regulation. Open cold water tap completely, slowly pour the reacted material to the drain. Allow cold water to run for 5 minutes to completely flush the system. Check with local municipal and state authorities and waste contractors for pertinent

local information regarding the proper disposal of chemicals.

## 14. TRANSPORT INFORMATION

DOT Not regulated

Not regulated TDG

Not regulated <u>IATA</u>

Not regulated <u>IMDG</u>

#### Additional information

## 15. REGULATORY INFORMATION

**National Inventories** 

**TSCA** Complies **DSL/NDSL** Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**International Inventories** 

**EINECS/ELINCS** Complies Complies **ENCS IECSC** Complies Complies **KECL - Existing substances PICCS** Complies **TCSI** Complies **AICS** Complies **NZIoC** Complies

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EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

TCSI - Taiwan Chemical Substances Inventory

AICS - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

#### **US Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

## **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### **US State Regulations**

### **California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical name	California Proposition 65
Silica, amorphous (CAS #: 7631-86-9)	Carcinogen

**WARNING:** This product can expose you to chemicals including Silica, amorphous, which is known to the State of California to cause cancer.

For more information, go to <a href="http://www.P65Warnings.ca.gov">http://www.P65Warnings.ca.gov</a>

**IMERC:** Not applicable

#### U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania
Silica, amorphous	-	X	X
7631-86-9			

#### **U.S. EPA Label Information**

	Chemical name	FIFRA	FDA
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Chemical name	FIFRA	FDA
Silica, amorphous	180.0930	-

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

#### **Special Comments**

None

#### **Additional information**

### Global Automotive Declarable Substance List (GADSL)

Not applicable

#### **NFPA and HMIS Classifications**

	NFPA	Health hazards - 2	Flammability - 0	Instability - 0	Physical and chemical
					properties -
Ī	HMIS	Health hazards - 2	Flammability - 0	Physical hazards - 0	Personal protection -
		- *	_	_	X
					- I

### Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH (American Conference of Governmental Industrial Hygienists) ATSDR (Agency for Toxic Substances and Disease Registry) **ATSDR** CCRIS (Chemical Carcinogenesis Research Information System) **CCRIS** CDC (Center for Disease Control) CDC

CEPA (Canadian Environmental Protection Agency) **CEPA** 

CICAD (Concise International Chemical Assessment Documents) **CICAD** 

**ECHA** ECHA (The European Chemicals Agency) EEA EEA (European Environment Agency) EPA (Environmental Protection Agency) **EPA** 

ERMA (New Zealands Environmental Risk Management Authority) **ERMA** 

**ECOSARS** Estimation through ECOSARS v1.11 part of the Estimation Programs Interface (EPI) Suite™

**FDA** FDA (Food & Drug Administration)

GESTIS (Information System on Hazardous Substances of the German Social Accident **GESTIS** 

Insurance)

HSDB (Hazardous Substances Data Bank) **HSDB** 

**INERIS** INERIS (The National Industrial Environment and Risks Institute) **IPCS INCHEM** IPCS INCHEM (International Programme on Chemical Safety) IUCLID (The International Uniform Chemical Information Database) **IUCLID** Japan National Institute of Technology and Evaluation (NITE) NITE

NIH (National Institutes of Health) NIH

NIOSH (National Institute for Occupational Safety and Health) NIOSH LOLI (List of Lists - An International Chemical Regulatory Database) LOLI

**NDF** 

**NICNAS** Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH IDLH Immediately Dangerous to Life or Health

OSHA (Occupational Safety and Health Administration of the US Department of Labor) **OSHA** 

PEEN (Pan European Ecological Network) **PEEN** 

RTECS (Registry of Toxic Effects of Chemical Substances) **RTECS** SIDS SIDS (Screening Information Dataset) for High Volume Chemicals

The Finnish Environment Institute (SYKE) SYKE USDA (United States Department of Agriculture) **USDA** USDC (United States Department of Commerce) **USDC** 

WHO (World Health Organization) WHO

#### Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

MAC Maximum Allowable Concentration Ceiling Ceiling Limit Value

X Listed Vacated These values have no official status. The only

binding levels of contaminants are those listed in the final OSHA PEL. These lists are for reference purposes only. Please note that some reference state regulations of these "liberated" exposure limits in their state

regulations.

SKN\* Skin designation SKN+ Skin sensitization
RSP+ Respiratory sensitization \*\* Hazard Designation
C Carcinogen R Reproductive toxicant

M mutagen

Prepared By Hach Product Compliance Department

24-Apr-2023

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Revision Note None

**Disclaimer** 

**Revision Date** 

USER RESPONSIBILITY: Each user should read and understand this information and incorporate it in individual site safety programs in accordance with applicable hazard communication standards and regulations.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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**End of Safety Data Sheet** 

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