# SAFETY DATA SHEET

1. Identification

**Product identifier** CIMTECH® 3200-VLZ

METALWORKING FLUID

Other means of identification

SDS number Not applicable B01206 **Product code** 

Recommended use METALWORKING FLUID

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name CIMCOOL® Industrial Products LLC

> 3000 Disney Street Cincinnati, Ohio 45209

Telephone (General

Information)

513-458-8100

**Emergency telephone** 

number

1-800-424-9300 (CHEMTREC)

**Emergency telephone** number (outside USA)

1-703-527-3887 (CHEMTREC)

Supplier

DUBOIS CHEMICAL CANADA INC dba CIMCOOL® Canada Company name

**Address** B1 - 1175 Appleby Line

Burlington, ON L7L 5H9 Canada

Telephone (General

Information)

905-319-1919

**Emergency telephone** number (outside USA) 1-703-527-3887 (CHEMTREC)

Not available. Supplier

2. Hazard identification

Physical hazards Not classified.

Category 2B **Health hazards** Eye irritation

**Environmental hazards** Not classified.

Label elements

**Hazard symbol** None. Signal word Warning

Causes eye irritation. **Hazard statement** 

**Precautionary statement** 

Wash thoroughly after handling. Prevention

Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Store away from incompatible materials. **Storage** 

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

Other hazards None known.

Supplemental information Use in manufacturing processes only.

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SDS Canada

### 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
TRIETHANOLAMINE		102-71-6	10 - 30
NONANOIC (PELARGONIC) ACID		112-05-0	1 - 5
Other components below reporta	ble levels		80 - 100

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 4. First-aid measures

Move to fresh air. Call a physician if symptoms develop or persist. Under normal conditions of Inhalation

intended use, this material is not expected to be an inhalation hazard.

Rinse skin with water. If skin irritation or rash occurs: Get medical advice/attention. Wash Skin contact

contaminated clothing before reuse.

Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye Eye contact

irritation persists: Get medical advice/attention.

Rinse mouth thoroughly. Drink 1 or 2 glasses of water. Do not induce vomiting. If vomiting occurs. Ingestion

keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if

you feel unwell.

Most important symptoms/effects, acute and

delayed

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Not applicable, non-combustible.

Wear suitable protective equipment.

If exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in **General information** attendance.

# 5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam. Dry powder. Carbon dioxide (CO2). Use extinguishing measures that are

appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Specific hazards arising from

the chemical

Special protective equipment

and precautions for firefighters

Fire fighting

equipment/instructions Specific methods

Move containers from fire area if you can do so without risk.

During fire, gases hazardous to health may be formed.

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

event of fire and/or explosion do not breathe fumes.

General fire hazards 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. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. 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 Local authorities should be advised if significant spillages cannot be contained. This product is miscible in water. Clean up in accordance with all applicable regulations.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

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Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

# 7. Handling and storage

Precautions for safe handling

Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in tightly closed container. If frozen, product may separate. Thaw completely at room temperature and stir thoroughly prior to use. Store away from incompatible materials (see Section 10 of the SDS).

# 8. Exposure controls/personal protection

# Occupational exposure limits

Components	Туре	Value
TRIETHANOLAMINE (CAS 102-71-6)	TWA	5 mg/m3
Canada. Alberta OELs (Occ	upational Health & Safety Code, Sch	edule 1, Table 2)
Components	Туре	Value
TRIETHANOLAMINE (CAS 102-71-6)	TWA	5 mg/m3
Canada. British Columbia C Safety Regulation 296/97, a		for Chemical Substances, Occupational Health and
Components	Туре	Value
TRIETHANOLAMINE (CAS 102-71-6)	TWA	5 mg/m3
Canada. Manitoba OELs (Re	eg. 217/2006, The Workplace Safety A	and Health Act)
Components	Туре	Value
TRIETHANOLAMINE (CAS 102-71-6)	TWA	5 mg/m3
Canada. Ontario OELs. (Co Components	ntrol of Exposure to Biological or Ch Type	emical Agents) Value
TRIFTHANOLAMINE (CAS	TWA	3.1 mg/m3
TRIETHANOLAMINE (CAS 102-71-6)	TWA	3.1 mg/m3
	TWA	3.1 mg/m3 0.5 ppm
102-71-6)		0.5 ppm
102-71-6)	TWA nistry of Labor - Regulation respectin Type	0.5 ppm
102-71-6)  Canada. Quebec OELs. (Min	nistry of Labor - Regulation respectin	0.5 ppm g occupational health and safety)
Canada. Quebec OELs. (Min Components TRIETHANOLAMINE (CAS 102-71-6)	nistry of Labor - Regulation respectin Type	0.5 ppm  g occupational health and safety)  Value  5 mg/m3
Canada. Quebec OELs. (Min Components TRIETHANOLAMINE (CAS 102-71-6)	nistry of Labor - Regulation respectin Type TWA	0.5 ppm  g occupational health and safety)  Value  5 mg/m3
Canada. Quebec OELs. (Min Components TRIETHANOLAMINE (CAS 102-71-6) Canada. Saskatchewan OE	nistry of Labor - Regulation respectin Type TWA Ls (Occupational Health and Safety R	0.5 ppm  g occupational health and safety)  Value  5 mg/m3  Regulations, 1996, Table 21)
Canada. Quebec OELs. (Min Components TRIETHANOLAMINE (CAS 102-71-6) Canada. Saskatchewan OE Components	nistry of Labor - Regulation respectin Type TWA Ls (Occupational Health and Safety R Type	0.5 ppm  g occupational health and safety)  Value  5 mg/m3  egulations, 1996, Table 21)  Value
Canada. Quebec OELs. (Min Components TRIETHANOLAMINE (CAS 102-71-6) Canada. Saskatchewan OE Components	nistry of Labor - Regulation respectin Type TWA Ls (Occupational Health and Safety R Type 15 minute	0.5 ppm  g occupational health and safety)  Value  5 mg/m3  egulations, 1996, Table 21)  Value  10 mg/m3  5 mg/m3

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Do not get in eyes. Wear safety glasses with side shields (or goggles). Eye wash fountain is

recommended.

Eye/face protection

Skin protection

Nitrile gloves are recommended. Hand 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

When using, do not eat, drink or smoke. Do not get in eyes, on skin, on clothing. 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

**CLEAR Appearance** Liquid. Physical state **Form** Liquid. Color Not available.

**CHEMICAL** Odor **Odor threshold** Not available.

8.1

< 32 °F (< 0 °C) Melting point/freezing point > 212 °F (> 100 °C) Initial boiling point and boiling

range

Not Applicable Flash point

**Evaporation rate** Like water when diluted

Not applicable. Flammability (solid, gas)

Upper/lower flammability or explosive limits

Flammability limit - lower

Not available.

Flammability limit - upper

Not available.

(%)

Not available. Explosive limit - lower (%) Not available. Explosive limit - upper (%) Vapor pressure Not available. Vapor density Not available. Relative density 1.07

Solubility(ies)

Solubility (water) 100 % Water Miscible

Not available. Partition coefficient

(n-octanol/water)

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

Other information

Not explosive. **Explosive properties Oxidizing properties** Not oxidizing. 7.4 @ 5% pH in aqueous solution Specific gravity 1.0663 VOC ASTM D2369 3 %

# 10. Stability and reactivity

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

Material is stable under normal conditions. Chemical stability

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

reactions

Material name: CIMTECH® 3200-VLZ SDS Canada **Conditions to avoid** Heat, flames and sparks. Contact with incompatible materials.

Incompatible materials Acids. Oxidizing agents. Do not add sodium nitrite or other nitrosating agents which may form

cancer causing nitrosamines.

Hazardous decomposition

products

Smoke, fumes, oxides of nitrogen, and oxides of carbon

# 11. Toxicological information

Information on likely routes of exposure

InhalationHealth injuries are not known or expected under normal use.Skin contactHealth injuries are not known or expected under normal use.

**Eye contact** Causes eye irritation.

Ingestion Expected to be a low ingestion hazard. Health injuries are not known or expected under normal

use.

Symptoms related to the physical, chemical and toxicological characteristics

Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye

tearing, redness, and discomfort.

Information on toxicological effects

Acute toxicity

Components Species Test Results

NONANOIC (PELARGONIC) ACID (CAS 112-05-0)

Acute
Dermal
Liquid

LD50 Rat > 2000 mg/kg

**Oral** *Liquid* 

LD50 Rat > 2000 mg/kg

TRIETHANOLAMINE (CAS 102-71-6)

<u>Acute</u> Dermal

Liquid

LD50 Rabbit > 2000 mg/kg

**Oral** *Liquid* 

LD50 Rat 4190 mg/kg

**Skin corrosion/irritation** Health injuries are not known or expected under normal use.

Serious eye damage/eye

irritation

Causes eye irritation.

Respiratory or skin sensitization

Canada - Alberta OELs: Irritant

TRIETHANOLAMINE (CAS 102-71-6) Irritant

Canada - Quebec OELs: Sensitizer

TRIETHANOLAMINE (CAS 102-71-6) Sensitizer.

**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 This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

TRIETHANOLAMINE (CAS 102-71-6) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity

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

Specific target organ toxicity -

single exposure

Not classified.

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Specific target organ toxicity -

repeated exposure

Not classified.

**Aspiration hazard** 

Not an aspiration hazard.

**Chronic effects** 

Prolonged inhalation may be harmful. May be harmful if absorbed through skin.

Prolonged or repeated exposure may cause liver and kidney damage. These effects have not

been observed in humans.

**Further information** 

The classification for health and environmental hazards is derived by a combination of calculation

methods and test data, if available.

# 12. Ecological information

**Ecotoxicity** 

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.

**Species Test Results** Components NONANOIC (PELARGONIC) ACID (CAS 112-05-0) Aquatic

Acute

Crustacea EC50 Daphnia 96 mg/l, 48 hours Fish LC50 Rainbow trout.donaldson trout 91 mg/l, 96 hours (Oncorhynchus mykiss)

TRIETHANOLAMINE (CAS 102-71-6)

**Aquatic** 

Crustacea EC50 Water flea (Ceriodaphnia dubia) 565.2 - 658.3 mg/l, 48 hours

Acute

LC50 Fish Bluegill (Lepomis macrochirus) 450 - 1000 mg/l, 96 hours

Persistence and degradability

No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

NONANOIC (PELARGONIC) ACID 3.42 -2.3 **TRIETHANOLAMINE** 

This product is miscible in water. Mobility in soil

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.

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

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).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

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 Not established. Annex II of MARPOL 73/78 and

the IBC Code

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# 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

Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
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)	No

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

Toxic Substances Control Act (TSCA) Inventory

### 16. Other information

 Issue date
 07-26-2016

 Revision date
 03-30-2021

Version # 07

United States & Puerto Rico

NFPA ratings Health: 1

Flammability: 0 Instability: 0

Issue date: 07-26-2016

Inventory name

**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 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.

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Yes

On inventory or exempt (yes/no)\*

#### **Revision information**

Product and Company Identification: Cimcool Lab Notebook Code Composition / Information on Ingredients: Component Summary Physical & Chemical Properties: Multiple Properties Physical and chemical properties: Odor Toxicological information: Ingestion

Material name: CIMTECH® 3200-VLZ Version #: 07 Revision date: 03-30-2021 8/8 Issue date: 07-26-2016