



Substance key: CLTCORA902

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WHMIS controlled: yes
Class: B2

D1B
D2A
D2B

Section 01 - Product and company identification

Identification of the company: Clariant (Canada) Inc.
2 Lone Oak Court
Toronto, Ontario M9C 5R9,

Information of the substance/preparation: ESHA
Phone (514) 832 2559, Fax (704) 330 1505 Canada.PS@Clariant.com

Emergency tel. number: +1 800-424-9300 CHEMTREC, +1 (703) 527-3887 INTERNATIONAL

Trade name: CORRTREAT 902 (CORACIDE 902)
Material number: 278276

Chemical family: Mixture

Primary product use: Corrosion inhibitor

Section 02 - Hazards identification

Health effects of exposure:

Flammable. Toxic by ingestion and skin absorption. Harmful by inhalation. Contact with eyes will cause severe irritation and may cause burns and permanent damage. Contact with skin will cause severe irritation and may cause burns. Inhalation of vapours, spray or aerosols will cause irritation to the respiratory system and may cause lung damage. May affect fetal development.

Methanol: toxic by ingestion, inhalation and skin contact. Danger of very serious irreversible effects through ingestion, inhalation and skin contact including blindness. Highly flammable. Teratogen.

Acetic acid: corrosive. Inhalation may cause severe damage to the respiratory tract. Breathing difficulties may occur. Ingestion can cause severe injury leading to death. Ingestion of 1 ml has resulted in perforation of the esophagus. Contact with concentrated solutions will cause skin burns and permanent damage. High vapour concentrations may cause skin sensitization. Eye contact with concentrated solutions may cause severe eye damage followed by loss of sight. Exposure to vapours may cause intense watering and irritation to eyes. Repeated or prolonged exposures may cause darkening of the skin, erosion of exposed front teeth and chronic inflammation of the nose, throat and bronchial tubes. Persons with preexisting skin disorders or eye problems, or impaired respiratory function may be more susceptible to the effects of the substance.

Listed carcinogen: NTP - National Toxicology Program Report: Not listed
International Agency for Research on Cancer (IARC) - Overall Evaluations of Carcinogenicity to Humans.: Not listed
OSHA Specifically Regulated
Chemicals/Carcinogens: Not listed

Section 03 - Composition/information on ingredients

Hazardous ingredients:

Component	CAS number	Concentration
Methyl alcohol	67-56-1	40 - 70 %
Acetic acid	64-19-7	10 - 30 %

Component toxicity information:

Methyl alcohol (67-56-1)
Acute oral toxicity: LD0 428 mg/kg (Humans)

Section 04 - First aid measures

After inhalation:

Get victim to fresh air. Loosen tight clothing such as collar, tie, belt or waistband. If breathing is difficult administer oxygen. If victim is not breathing, give mouth to mouth resuscitation. Get prompt medical attention. Warning: giving mouth to mouth resuscitation when the inhaled material is toxic may be hazardous to the person providing aid.

After contact with skin:

Remove contaminated clothing and wash affected areas with soap and plenty of water for at least 15 minutes. If redness or skin irritation occurs, seek medical attention.

After contact with eyes:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

After ingestion:

If swallowed, DO NOT induce vomiting. Get immediate medical advice/ attention.

Advice to doctor / Treatment: None known.

Section 05 - Fire fighting measures

Flashpoint: 11 °C
Method: Tag closed cup

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Cool containers/tanks with water spray.

Special fire fighting procedure:

Wear full protective clothing and self-contained breathing apparatus.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Cool endangered containers with water spray jet.

Hazardous combustion products:

In case of fire hazardous decomposition products may be produced such as:

Carbon monoxide

Carbon dioxide (CO₂)

Burning produces noxious and toxic fumes.

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

Section 06 - Accidental release measures

Steps to be taken in case of spill or leak:

Only trained personnel should be involved in spill operations. Wear suitable protective equipment. Ensure adequate ventilation. Remove all ignition sources. Contain spill and pump into proper containers using explosion-proof equipment. Smaller spills may be recovered using an inert non-combustible absorbent material (sand, kieselguhr) and collected into suitable containers. Do not use organic absorbent material. Containers in which spilt substance has been collected must be properly labelled. Spill may be covered with an appropriate foam to hinder the formation of explosive vapours. Wash spill area. Do not allow to enter sewers, storm drains, surface waters or the soil.

Section 07 - Handling and storage

Advice on safe handling:

Keep away from heat, sparks and open flames. - Avoid breathing vapors or contact with skin, eyes, and clothing.- Use only with adequate ventilation and proper protective eyewear, face shield, gloves and clothing. Wash thoroughly after handling. Keep container closed.

Further info on storage conditions:

Keep containers tightly closed in a cool, well-ventilated place. Handle and open container with care.
Keep away sources of ignition.

Section 08 - Exposure controls / personal protection

Occupational exposure limits:

Component	CAS number:	Regulatory list	Type of value	Value 1	Value 2
Methanol	67-56-1	USA. ACGIH Threshold Limit Values (TLV)	8-hour, time-weighted average	200 ppm	
Methanol	67-56-1	USA. ACGIH Threshold Limit Values (TLV)	Short-term exposure limit	250 ppm	

Respiratory protection:	Wear an approved respirator when exposed to vapours or to mists beyond the TLV. Use appropriate filters. Do not exceed filters limitations. TLV = Threshold Limit Value
Hand protection:	Butyl Rubber, PVC or Neoprene
Eye protection:	Safety goggles Face-shield
Other protective equipment:	The use of impervious coveralls and boots is highly recommended when handling this product.
Advice on system design:	Local ventilation recommended - mechanical ventilation maybe used.

Section 09 - Physical and chemical properties

Form:	Liquid
Color:	Clear, amber
pH:	6.0 - 8.0
Density:	0.86 - 0.90 g/cm ³ (25 °C)
Freezing point :	-40 °C Information refers to the main component.

Section 10 - Stability and reactivity

Hazardous Polymerization:	Hazardous polymerization does not occur.
Incompatibility with (Conditions to avoid) :	Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

Section 11 - Toxicological information

Acute oral toxicity:	LD50 > 5,628 mg/kg (Rat) Data relate to methanol
Acute inhalation toxicity:	LC50 (4 h, Rat) The data refer to the solvent
Skin irritation:	irritating The product has not been tested. The information is derived from the properties of the individual components.
Eye irritation:	irritating The product has not been tested. The information is derived from the properties of the individual components.

Section 12 - Ecological information

Product information:	
Biodegradation:	The product is biodegradable after lengthy adaptation.
Component information:	Methanol (67-56-1)
Biodegradation: Method: OECD Test Guideline 301D	99 % (28 d)
Fish toxicity:	LC50 19,000 mg/l (96 h, Oncorhynchus mykiss (rainbow trout))
Daphnia toxicity:	LC50 > 10,000 mg/l (24 h)
Bacteria toxicity:	IC50 > 1,000 mg/l (3 h, activated sludge)

Section 13 - Disposal considerations

Waste disposal information:	Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.
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Section 14 - Transport information

TDG	
Proper shipping name:	Methanol
Class:	3
Packing group:	II
UN/ID number:	UN 1230

Primary risk: 3
Subsidiary risk: 6.1
Remarks: Shipment permitted

IATA

Proper shipping name: Methanol
Class: 3
Packing group: II
UN/ID number: UN 1230
Primary risk: 3
Subsidiary risk: 6.1
Remarks: Shipment permitted

IMDG

Proper shipping name: Methanol
Class: 3
Packing group: II
UN no.: UN 1230
Primary risk: 3
Subsidiary risk: 6.1
EmS: F-E S-D

Section 15 - Regulatory information

Registration status

DSL: yes
NDSL: no

CEPA

Listed as toxic substance: Not listed
Listed as priority substance: Not listed

NPRI Listed

TSCA Status:

All components of this product are listed on the TSCA Inventory.

FDA:

Permitted for Use per
Section: NONE

Section 16 - Other information

WHMIS



Flammable
Toxic by ingestion
Harmful by inhalation and in contact with skin. Causes eye, skin, and respiratory tract irritation.

The information contained on this MSDS is to the best of our knowledge an accurate summary of the data available as of the date of preparation. Clariant (Canada) Inc. is not liable for the application or use of this information in situations beyond its control or outside the normal and expected use of its product. Clariant (Canada) Inc. assumes no responsibility for damage or injury from the use of the product described herein.