



SAFETY DATA SHEET

CORGARD 566

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Section 01 - Product and company identification

Identification of the company: Prairie Mud Service
738 6th Street, Estevan, Sk. S4A 1A4 306-634-3411

Supplier: Prairie Mud Service
738 6th Street, Estevan, SK S4A 1A4

Emergency Phone Number: 1-306-634-3411

Primary product use: Corrosion inhibitor

Section 02 - Hazards identification

WHMIS controlled: **yes**
Class: B2
D1B
D2A
D2B

WHMIS



Flammable
Toxic by ingestion
Harmful by inhalation and in contact with skin.
MAY CAUSE SEVERE EYE, SKIN AND MUCOUS MEMBRANE IRRITATION

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.

Isopropanol: an eye irritant. It can cause eye damage and corneal burns. Harmful by ingestion and subcutaneous routes. Human systematic effects by ingestion or inhalation: flushing, pulse rate decrease, blood pressure lowering, anesthesia, narcosis headache, dizziness, mental depression, hallucinations, distorted perceptions, dyspnea, respiratory depression, nausea or vomiting, coma.

Section 03 - Composition/information on ingredients

Hazardous ingredients:

Component	CAS number	Concentration	
Methyl alcohol	67-56-1	15	- 40%
Coco dimethyl benzyl ammonium chloride	61789-71-7	10	- 30%
Isopropanal	67-63-0	1	-5 %

Component toxicity information:

Methyl alcohol (67-56-1)

Acute oral toxicity: LD0 428 mg/kg (Humans)

Isopropanol (67-63-0)

Acute oral toxicity: LD50 5,280 mg/kg (Rat)**Acute inhalation toxicity:** LC50 72.6 mg/l (4 h, Rat)**Acute dermal toxicity:** LD50 12,800 mg/kg (Rabbit)**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: 27 °C

Method: Pensky-Martens closed cup

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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 oxides, Nitrogen oxides (NO_x)
Container explosion may occur under fire conditions.

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	

2-Propanol Isopropanol	67-63-0	USA. ACGIH Threshold Limit Values (TLV)	8-hour, time- weighted average	200 ppm	
2-Propanol Isopropanol	67-63-0	USA. ACGIH Threshold Limit Values (TLV)	Short-term exposure limit	400 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 glasses/face shield

Other protective equipment: Avoid skin contact.
Wear suitable protective clothing.

Section 09 - Physical and chemical properties

Form: Liquid
Color: Clear, yellow
pH: 6.0 - 8.0
Density: 0.91 - 0.925 g/cm³

Section 10 - Stability and reactivity

Thermal decomposition: not tested.
Chemical stability: Stable
Hazardous Polymerization: Hazardous polymerisation does not occur.
**Incompatibility with
(Conditions to avoid) :** Keep away from heat.
Keep away from flames and sparks.

Section 11 - Toxicological information

Acute oral toxicity: The product has not been tested. The information is derived from the properties of the individual components., Harmful by inhalation and if swallowed.

Skin irritation: Severe skin irritation
The product has not been tested. The information is derived from the properties of the individual components.

Eye irritation: strongly irritant
The product has not been tested. The information is derived from the properties of the individual components.

Section 12 - Ecological information

Product information:

Remarks:
The product should not be allowed to enter drains, water courses or the soil. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Component information:

Methanol (67-56-1)

Biodegradation: 99 % (28 d)
Method: OECD Test Guideline 301D

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)

Component information:

Propan-2-ol (67-63-0)

Biodegradation: 95 %
Readily biodegradable.

Fish toxicity: Test data for the substance are not available

Remarks:slightly water endangering

Section 13 - Disposal considerations

Waste disposal information:

Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

Section 14 - Transport information

TDG

Proper shipping name: Flammable liquid, n.o.s.
Class: 3
Packing group: III
UN/ID number: UN 1993
Primary risk: 3
Remarks: Shipment permitted
Hazard inducer(s): Methanol
Isopropanol

IATA

Proper shipping name: Flammable liquid, n.o.s.
Class: 3
Packing group: III
UN/ID number: UN 1993
Primary risk: 3
Remarks: Shipment permitted
Hazard inducer(s): Methanol
Isopropanol

IMDG

Proper shipping name: Flammable liquid, n.o.s.
Class: 3
Packing group: III
UN no.: UN 1993
Primary risk: 3
Hazard inducer(s): Methanol
Isopropanol
EmS: F-E S-E

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

Section 16 - Other information

Prepared by: Prairie Mud Service
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