



## SECTION 1. IDENTIFICATION

**Product Identifier** Corscav  
**Product Family** Corrosion Inhibitor  
**Recommended Use** Industrial Use Only.  
**Manufacturer/Supplier Identifier** Prairie Mud Service, 738 6<sup>th</sup> Street, Estevan, SK. 1-306-634-3411  
**Emergency Phone No.** 1-888-CANUTEC (226-8832), 613-996-6666 or \*666 on a cellular phone

### SDS

**Date of Preparation** June 25, 2019

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Flammable liquid - Category 2; Acute toxicity (Oral) - Category 4; Acute toxicity (Dermal) - Category 4; Acute toxicity (Inhalation) - Category 4; Skin irritation - Category 2; Eye irritation - Category 2A; Specific target organ toxicity (single exposure) - Category 1

### Label Elements



### Danger

#### Hazard Statement(s):

Highly flammable liquid and vapour.

Harmful if swallowed.

Causes skin irritation.

Causes serious eye irritation.

Harmful if inhaled.

#### Prevention:

Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Avoid breathing dust, fume, gas, mist, vapours or spray.

Wash hands and skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing.

Wear eye protection/face protection.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol, di-Et sulfate-quaternized	70955-34-9	5-15		
Quaternary ammonium compounds, benzylcoco alkyltrimethyl, chlorides	61789-71-7	2-10		
Amines, N-tallow alkyltrimethylenedi-, ethoxylated	61790-85-0	1-5		
Methanol	67-56-1	20-40		
Ammonium Bisulfite	10192-30-0	25-50		

#### Notes

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Remove patient from contaminated area. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact a physician immediately.

#### Skin Contact

Remove contaminated clothing and wash contaminated skin with large amounts of soap and water. If irritation persists, contact a physician.

#### Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

#### Ingestion

If swallowed get immediate medical attention. Only induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

### Specific Hazards Arising from the Product

Flammable liquid, vapours can form an ignitable mixture with air. Vapours can flow along surfaces to a distant ignition source and flash back. Material can burn with little or no visible flame.

### Special Protective Equipment and Precautions for Fire-fighters

Wear usual fire protective clothing and self contained breathing apparatus in emergencies.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Eliminate all sources of ignition and evacuate area. Stop leak and contain the liquid if safe to do so. Ensure adequate ventilation. Do not walk through spilled material. Wear appropriate Personal Protective Equipment.

### Environmental Precautions

Do not allow spilled material to enter waterways or storm drains.

### Methods and Materials for Containment and Cleaning Up

Large Spills: Dike ahead of liquid spill to minimize the spill area. Use a non-combustible material like vermiculite, sand

or dirt to soak up the spilled product, place into a container for disposal. After spilled product has been cleaned up flush the area thoroughly with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece.) Clean contaminated area thoroughly.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Vapours may travel to a source of ignition and flash back. All equipment used when handling the product must be grounded. When using, do not eat, drink or smoke. Do not use in areas without adequate ventilation. Wash thoroughly after handling. Wear personal protective equipment. Avoid release to the environment. Do not empty into drains. Do not breathe mist or vapour. Do not get this material in contact with eyes. Do not taste or swallow. Do not get on skin and clothing.

### Conditions for Safe Storage

Flammable Liquid. Do not use or store near sources of ignition. Store in a cool well vented area in a closed container. Store in accordance with applicable regulations.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Appropriate Engineering Controls

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Use mechanical handling to reduce human contact with the materials.

### Individual Protection Measures

#### Eye/Face Protection

Wear safety glasses with side shields (or goggles) and a face shield.

#### Skin Protection

Chemical resistant gloves and appropriate protective clothing must be worn to prevent contact with the skin.

#### Respiratory Protection

When concentrations exceed the exposure limits specified, use of a NIOSH-approved organic vapour cartridge respirator is recommended. Where the protection factor maybe exceeded, use of a full facepiece, supplied air or Self Contained Breathing Apparatus (SCBA) may be necessary.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Amber liquid with alcoholic odour.
pH	7-9
Initial Boiling Point/Range	
Flash Point	70-75F
Vapour Pressure	Not available
Vapour Density (air = 1)	> 1
Solubility	Soluble in water
Other Information	
Density @ 77 F	
Specific Gravity	0.95-1.0 @ 77 F

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Stable under normal conditions.

### Possibility of Hazardous Reactions

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

#### Incompatible Materials

Keep away from strong oxidizing agents, heat and open flames.

#### Hazardous Decomposition Products

Elemental Oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute Toxicity

CHEMICAL	LD50 DERMAL	LD50 ORAL	LC50 INHALATION
Methanol	20 ml/kg rabbit	6.2-13.0 g/kg rat	64,000 ppm rat

#### Skin Corrosion/Irritation

Repeated or prolonged contact may cause drying, brittleness, cracking and irritation. Prolonged and repeated contact can produce toxic effects including death. Methanol is a cumulative toxin readily absorbed.

#### Serious Eye Damage/Irritation

May cause eye injury which may persist for several days. Liquid in high concentrations causes irritation, tearing, and burning sensation.

#### STOT (Specific Target Organ Toxicity) - Single Exposure

##### Inhalation

Inhalation of high airborne concentrations can irritate mucous membranes, cause headaches, sleepiness, nausea, confusion, loss of consciousness, digestive and visual disturbances and death.

##### Ingestion

Swallowing even small amounts of methanol can cause blindness and death. Other effects may be nausea, headache, abdominal pain, vomiting, mental sluggishness, and visual disturbances ranging from blurred vision to light sensitivity.

#### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Repeated or prolonged contact may cause drying, brittleness, cracking and irritation. Prolonged and repeated contact can produce toxic effects including death.

#### Carcinogenicity

None listed.

#### Other Information

Significant exposure to this chemical may adversely affect people with chronic disease of the central nervous system, skin, gastrointestinal tract and/or eyes.

## SECTION 12. ECOLOGICAL INFORMATION

## SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations. It is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets the criteria for hazardous waste.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1993	Flammable Liquid N.O.S. (contains Methanol)	3	II

US DOT	1993	Flammable Liquid N.O.S. (contains Methanol)	3	II
IATA (Air)	1993	Flammable Liquid N.O.S. (contains Methanol)	3	II
IMO (Marine)	1993	Flammable Liquid N.O.S. (contains Methanol )	3	II

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

**Safety, Health and Environmental Regulations**

**USA**

**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

**Additional USA Regulatory Lists**

SARA Section: Methanol 67-56-1

## SECTION 16. OTHER INFORMATION

**NFPA Rating**      **Health - 2**    **Flammability - 3**      **Instability - 0**

**Date of Preparation**      June 25, 2019

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