



# SAFETY DATA SHEET

Revision Date: 05-May-2020

Revision Number: 5

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** BENJAMIN MOORE COROTECH OIL & GREASE EMULSIFIER  
**Product Code** V600-00  
**Alternate Product Code** V60000  
**Product Class** SURFACE PREPARATION PRODUCT  
**Color** Clear  
**Recommended use** Industrial paint  
**Restrictions on use** No information available

**Manufacturer**  
Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
Phone: 1-866-708-9180  
[www.benjaminmoore.com/Corotech](http://www.benjaminmoore.com/Corotech)

**Emergency Telephone**  
CHEMTREC (US): 800-424-9300  
CHEMTREC (outside US): (703)-527-3887

## 2. HAZARDS IDENTIFICATION

### Classification

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

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1

### Label elements

#### **Danger**

#### **Hazard statements**

Causes skin irritation  
Causes serious eye damage  
May cause an allergic skin reaction



**Appearance** liquid

**Odor** mild

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
Take off contaminated clothing and wash before reuse  
If skin irritation or rash occurs: Get medical advice/attention

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other information**

No information available

**3. COMPOSITION INFORMATION ON COMPONENTS**

Chemical name	CAS No.	Weight-%
Sodium tripolyphosphate	7758-29-4	1 - 5
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	1 - 5
Monoethanolamine phosphate	29868-05-1	0.5 - 1
Ethanol, 2-amino-	141-43-5	0.5 - 1
3,5,7-Triaza-1-azoniatricyclo[3.3.1.1 <sup>3,7</sup> ]decane, 1-(3-chloro-2-propen-1-yl)-, chloride	4080-31-3	0.5 - 1

**4. FIRST AID MEASURES**

**General Advice**

No hazards which require special first aid measures.

**Eye Contact**

Immediate medical attention is required. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Wash clothing before reuse. Destroy contaminated articles such as shoes.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
<b>Most Important Symptoms/Effects</b>	May cause allergic skin reaction.
<b>Notes To Physician</b>	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity to mechanical impact</b>	No
<b>Sensitivity to static discharge</b>	No
<b>Flash Point Data</b>	
Flash point (°F)	375
Flash Point (°C)	191
Method	PMCC
<b>Flammability Limits In Air</b>	
Lower flammability limit:	Not applicable
Upper flammability limit:	Not applicable

**NFPA**    **Health:** 2                      **Flammability:** 1                      **Instability:** 0                      **Special:** Not Applicable

**NFPA Legend**  
 0 - Not Hazardous  
 1 - Slightly  
 2 - Moderate  
 3 - High  
 4 - Severe

*The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.*

*Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at [www.nfpa.org](http://www.nfpa.org).*

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
<b>Other Information</b>	Prevent further leakage or spillage if safe to do so.
<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.
<b>Methods for Cleaning Up</b>	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Storage</b>	Keep container tightly closed. Keep out of the reach of children.
<b>Incompatible Materials</b>	No information available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL
Ethanol, 2-(2-butoxyethoxy)-	TWA: 10 ppm inhalable fraction and vapor	N/E
Ethanol, 2-amino-	STEL: 6 ppm TWA: 3 ppm	3 ppm - TWA 6 mg/m <sup>3</sup> - TWA

### Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

N/E - Not Established

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields. If splashes are likely to occur, wear:.. Tightly fitting safety goggles.
<b>Skin Protection</b>	Protective gloves and impervious clothing.
<b>Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hygiene Measures</b>	Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	liquid
<b>Odor</b>	mild
<b>Odor Threshold</b>	No information available

Density (lbs/gal)	8.85 - 8.95
Specific Gravity	1.06 - 1.08
pH	No information available
Viscosity (cps)	No information available
Solubility(ies)	No information available
Water solubility	No information available
Evaporation Rate	No information available
Vapor pressure	No information available
Vapor density	No information available
Wt. % Solids	5 - 15
Vol. % Solids	0 - 10
Wt. % Volatiles	85 - 95
Vol. % Volatiles	90 - 100
VOC Regulatory Limit (g/L)	< 500
VOC Content (% by weight)	< 0.5
Boiling Point (°F)	199
Boiling Point (°C)	93
Freezing point (°F)	No information available
Freezing Point (°C)	No information available
Flash point (°F)	375
Flash Point (°C)	191
Method	PMCC
Flammability (solid, gas)	Not applicable
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Autoignition Temperature (°F)	No information available
Autoignition Temperature (°C)	No information available
Decomposition Temperature (°F)	No information available
Decomposition Temperature (°C)	No information available
Partition coefficient	No information available

## 10. STABILITY AND REACTIVITY

Reactivity	Not Applicable
Chemical Stability	Stable under normal conditions.
Conditions to avoid	Prevent from freezing.
Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	None under normal use.
Possibility of hazardous reactions	None under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Information on likely routes of exposure

**Principal Routes of Exposure** Eye contact, skin contact and inhalation.

**Acute Toxicity**

**Product Information** No information available

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Eye contact** Severely irritating to eyes. May cause burns. Risk of serious damage to eyes.  
**Skin contact** Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.  
**Inhalation** May cause irritation of respiratory tract.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
**Sensitization** May cause an allergic skin reaction  
**Neurological Effects** No information available.  
**Mutagenic Effects** No information available.  
**Reproductive Effects** No information available.  
**Developmental Effects** No information available.  
**Target organ effects** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Other adverse effects** No information available.  
**Aspiration Hazard** No information available

**Numerical measures of toxicity**

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

**ATEmix (oral)** 14365 mg/kg  
**ATEmix (dermal)** 29498 mg/kg  
**ATEmix (inhalation-dust/mist)** 150 mg/L  
**ATEmix (inhalation-vapor)** 1100 mg/L

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium tripolyphosphate 7758-29-4	= 3120 mg/kg ( Rat )	> 7940 mg/kg ( Rabbit )	-
Ethanol, 2-(2-butoxyethoxy)- 112-34-5	= 5660 mg/kg ( Rat )	= 2700 mg/kg ( Rabbit )	-
Ethanol, 2-amino- 141-43-5	= 1720 mg/kg ( Rat )	= 1000 mg/kg ( Rabbit ) = 1 mL/kg ( Rabbit )	-
3,5,7-Triaza-1-azoniatricyclo[3.3.1.1 3,7]decane, 1-(3-chloro-2-propen-1-yl)-, chloride 4080-31-3	= 500 mg/kg ( Rat )	= 565 mg/kg ( Rabbit )	-

**Chronic Toxicity**

**Carcinogenicity**

*There are no known carcinogenic chemicals in this product above reportable levels.*

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

### **Product Information**

#### **Acute Toxicity to Fish**

No information available

#### **Acute Toxicity to Aquatic Invertebrates**

No information available

#### **Acute Toxicity to Aquatic Plants**

No information available

#### **Persistence / Degradability**

No information available.

#### **Bioaccumulation**

There is no data for this product.

#### **Mobility in Environmental Media**

No information available.

#### **Ozone**

No information available

### **Component Information**

#### **Acute Toxicity to Fish**

Ethanol, 2-amino-

LC50: 3684 mg/L (Zebra Fish - 96 hr.)

#### **Acute Toxicity to Aquatic Invertebrates**

Ethanol, 2-(2-butoxyethoxy)-

EC50: 100 mg/L (Daphnia - 48 hr.)

Ethanol, 2-amino-

EC50: 65 mg/L (Daphnia - 48 hr.)

#### **Acute Toxicity to Aquatic Plants**

Ethanol, 2-amino-

EC50: 15 mg/L (Green algae (Scenedesmus subspicatus), 72 hrs.)

## 13. DISPOSAL CONSIDERATIONS

### **Waste Disposal Method**

Dispose of in accordance with federal, state, and local regulations. Local requirements may vary, consult your sanitation department or state-designated

environmental protection agency for more disposal options.

**14. TRANSPORT INFORMATION**

DOT Not regulated

ICAO / IATA Not regulated

IMDG / IMO Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA: United States** Yes - All components are listed or exempt.  
**DSL: Canada** No - Not all of the components are listed.  
 One or more component is listed on NDSL.

**Federal Regulations**

**SARA 311/312 hazardous categorization**

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

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>CERCLA/SARA 313 (de minimis concentration)</u>
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	1 - 5	1.0
3,5,7-Triaza-1-azoniatricyclo[3.3.1.1 <sup>3,7</sup> ] ]decane, 1-(3-chloro-2-propen-1-yl)-, chloride	4080-31-3	0.5 - 1	1.0

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>Hazardous Air Pollutant (HAP) Listed</u>
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	1 - 5	Listed

**US State Regulations**





Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

**End of Safety Data Sheet**