

Safety Data Sheet:

Revision Date: 11/22/19

Technical Service
(888)780-3229 (Option 2)



Corro Urocrete HD Part A

1. Product and Company Identification

Product Name: Corro Urocrete HD
Product Class: Polymer Blend Emulsion, Part A
Product Type: Component of a 4 Component Coating for Industrial Use

D.O.T. Category: Not Regulated
Manufacturer: Corroshield Industries Inc.
2575 United Lane
Elk Grove Village, IL 60007
Telephone: 847/298-7770
Emergency: 1-800/535-5053 INFOTRAC

2. Hazards Identification

Hazard-Risk Classification

Carcinogenicity: Category 1B
Germ Cell Mutagenicity: Category 1B

Label elements including precautionary statements

Hazard Pictograms/Symbols:



Signal Word: Danger
Named Chemicals on Label: Solvent naphtha (petroleum), light arom.
Hazard-Risk Statements: H340-1B May cause genetic defects.
H350-1B May cause cancer.

Precautionary Statements:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P284 Wear respiratory protection.
P308+313. If exposed or concerned: Get medical advice/attention

Other Hazards:

No information.

Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

3. Composition/Information on Ingredients

CAS-No.	Chemical Name	%
107-21-1	Ethane-1,2-diol	2.5-10
64742-95-6	Solvent naphtha (petroleum), light arom.	0.1-1.0
111-42-2	2,2'-iminodiethanol	<0.1

CAS-No.	GHS Symbols	GHS Hazard Statements	M-Factors
107-21-1	GHS07	H302-335	0
64742-95-6	GHS02-GHS07-GHS08-GHS09	H226-304-315-336-340-350-411	0
111-42-2	GHS05-GHS07-GHS08	H302-315-318-351-373	0

Additional Information:

The text for GHS Hazard Statements shown above (if any) is given in Section 16.

4. First Aid Measures

General Notes:	No Information
After Inhalation:	Move to fresh air.
After Skin Contact:	Use a mild soap if available. Wash off immediately with soap and plenty of water.
After Eye Contact:	Rinse thoroughly with plenty of water, also under the eyelids. Remove contact lenses.
After Ingestion:	Gently wipe or rinse the inside of the mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
Self-Protection of the First Aider:	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
Most important symptoms and effects, both acute and delayed:	Do not ingest. May be harmful by inhalation, in contact with skin and if swallowed.
Indication of any immediate medical attention and special treatment needed:	No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section II.

5. Fire-Fighting Measures

Suitable (and unsuitable) extinguishing media:	Carbon Dioxide, Dry Chemical, Foam, Water Fog
Unsuitable extinguishing media:	Alcohol, Alcohol based solutions, any other media not listed above.
Specific hazards arising from the chemical:	No Information
Special protective equipment and precautions for fire-fighters:	In the event of fire, wear self-contained breathing apparatus. High volume water jet. Hazardous decomposition products formed under fire conditions. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Ensure adequate ventilation. Use personal protective equipment.
Environmental precautions:	Do not allow material to contaminate ground water system. Prevent product from entering drains.
Methods for Containment and Clean Up:	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section I3).
Reference to other sections	Please refer to disposal requirements or country specific disposal requirements for this material. See Section I3 for further information

7. Handling and Storage

Precautions for safe handling:	INSTRUCTIONS FOR SAFE HANDLING: Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Do not breathe vapours or spray mist. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this preparation is being used. PROTECTION AND HYGIENE MEASURES: Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.
Conditions for safe storage, including any incompatibilities:	CONDITIONS TO AVOID: Keep from any possible contact with water.

STORAGE CONDITIONS: Store in original container. Keep container tightly closed in a dry and well-ventilated place. Keep locked up or in an area accessible only to qualified or authorised persons.

Specific end use(s): No specific advice for end use available.

8. Exposure Controls & Personal Protection

Ingredients with Occupational Exposure Limits

Name	CAS-No.	OSHA PEL	ACGIH TLV
Ethane-1,2-diol	107-21-1	50.00 PPM	100.00 MG/M3
Solvent naphtha (petroleum), light arom.	64742-95-6	50.00 PPM	300.0 PPM
2,2'-iminodiethanol	111-42-2		

Further Information: Refer to the regulatory exposure limits for the workforce enforced in each country.

Exposure Controls

Personal Protection:

Respiratory Protection:

No personal respiratory protective equipment normally required.

Eye Protection:

Safety glasses.

Hand Protection:

Protective gloves. Long sleeved clothing. Remove and wash contaminated clothing before re-use.

Other Protective Equipment:

No Information

Engineering Controls:

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas.

9. Physical and Chemical Properties

Appearance:	White Emulsion
Physical State	Liquid
Odor	Light terpene
Odor threshold	Not determined
pH	9.4
Melting point / freezing point (°C)	0
Boiling point/range (°C)	150 - N.D.
Flash Point, (°F / °C)	
Evaporation rate	Like Water
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	0 – 0
Vapor Pressure	
Vapor density	
Relative density	Approx.. 1.0
Solubility in / Miscibility with water	Emulsifiable
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature (°C)	Not determined
Decomposition temperature (°C)	Not determined
Viscosity	850 mPas at 80oF
Explosive properties	Not determined
Oxidizing properties	Not determined
Other Information	
VOC Content: g/l:	10
Density (lbs/gal)	8.31

10. Stability and Reactivity

Reactivity:	No reactivity hazards known under normal storage and use conditions.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerisation does not occur.
Conditions to avoid:	No Information
Incompatible materials:	No Information
Hazardous decomposition products:	No Information

11. Toxicological Information

Acute Toxicity:	
Oral LD50:	No Information Available
Inhalation LC50:	No Information Available
Irritation:	No Information Available
Corrosivity:	No Information Available
Sensitization:	No Information Available
Repeated dose toxicity:	No Information Available
Carcinogenicity:	No Information Available
Mutagenicity:	No Information Available
Toxicity for reproduction:	No Information Available

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
64742-95-6	Solvent naphtha (petroleum), light arom.	4700 mg/kg, oral, rat	>2000 mg/kg	3670 ppm/8 hours, rat,

12. Ecological Information

Toxicity:	
EC50 48hr (Daphnia):	Not available
IC50 72 hr (Algae):	Not available
LC50 (Fish):	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
Results of PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

CAS-No.	Chemical Name	EC50 48hr	IC50 72hr	LC50 96hr
107-21-1	Ethane-1,2-diol	No information	No information	
64742-95-6	Solvent naphtha (petroleum), light arom.	>1 - 10 mg/l	>1 - 10 mg/l	>10-100 mg/l
111-42-2	2,2'-iminodiethanol	No information	No information	No information

13. Disposal Considerations

Waste from residues/unused products:	Disposal of container and unused contents in accordance with Federal, State and Local Regulations
Contaminated packaging:	Disposal of container and unused contents in accordance with Federal, State and Local Regulations

14. Transport Information

UN Number:	Not applicable
UN Proper Shipping Name:	Not regulated for transport according to DOT, IMDG, and IATA regulations
Technical name:	Not applicable

Transport hazard class(es):	Not applicable
Subsidiary shipping hazard:	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user:	Not applicable
EmS-No.:	Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	Not applicable

15. Regulatory Information

CERCLA – Sara Hazard Category: This product has been reviewed according to the EPA ‘Hazard Categories’ promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Carcinogenicity, Germ cell mutagenicity

Sara Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the U.S. Superfund Amendment and Reauthorization Act (SARA) of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
Ethane-1,2-diol	107-21-1
2,2'-iminodiethanol	111-42-2
Cumene	98-82-8

Toxic Substances Control Act: This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States: No TSCA 12(b) components exist in this product

US Clean Air Act:

EPA Coating Category:	Floor Coatings
EPA VOC Content Limit (g/l):	400
Product VOC Content (g/l)	<10
Thinning Recommendations:	None
Application Recommendations:	For professional use only.

As per the federal EPA definition for coating categories in 40 CFR 59.401.
Grams of VOC per liter of coating product as applied (mixture of Part A and Part B) per ASTM D2369 Method E.

New Jersey Right to Know:
The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
castor oil	8001-79-4
water	7732-18-5
propylene glycol dibenzoate	19224-26-1
dipropylene glycol dibenzoate	27138-31-4
9-octadecenoic acid, 12-(oxiranylmethoxy)-, 1,2,3- propanetriyl ester, homopolymer	74398-71-3

Pennsylvania Right to Know:
The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
castor oil	8001-79-4
water	7732-18-5
propylene glycol dibenzoate	19224-26-1
dipropylene glycol dibenzoate	27138-31-4

California Proposition 65:	WARNING: Cancer - www.P65Warnings.ca.gov
Canadian DSL:	All chemical ingredients included on inventory or exempt.
Chemical Safety Assessment:	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

This product is listed on the TSCA inventory of chemical substances in USA.

This product is DSL for the Chemical Substance Inventory in Canada

16. Other Information

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.

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