



Material Safety Data Sheet

HYDROCLENE INJECTION DETERGENT

1. Identification of the Substance/Preparation and the Company/Undertaking

Revision Date 01-04-07

Substance or preparation trade name: HYDROCLENE INJECTION DETERGENT
Unique reference numbers(s): 161001
Company/undertaking name & address: Caled Industries, 26 Hanes Drive, Wayne, NJ 07470

Telephone: 1-800-652-2533
Emergency telephone number: 1-800-424-9300 Chemtrec

2. Hazardous Ingredients

Substance:	Aprox. %	CAS #
2-BUTOXYETHANOL	111-76-2	1-60

3. Hazards Identification

Health: 2 Flammability: 2 Reactivity: 0

4. First aid measures

Skin contact: May cause skin de-fatting. Flush with large amount of water. When irritation persists get medical attention
Eyes contact: Will cause burns. Flush eyes with large amount of water. Get medical attention.
Ingestion: Not a normal route of entry. May cause burning of the mucus membrane. Get medical attention.
Inhalation: May produce dizziness, nausea, depression when large amount is inhaled.

5. Fire fighting measures

Suitable extinguishing media: Water, dry chemicals
Unsuitable extinguishing media:
Special hazards in fire: None known
Required special protective equipment.
for fire-fighters: Wear Protective clothing and self contained breathing apparatus in confined areas.

6. Accidental release measures

Personal precautions: Wear safety goggles and gloves
Environmental precautions: None known
Methods for cleaning: Absorb spills with an absorbent and dispose of in accordance with Federal, state or local regulations.



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7. Handling and storage

Handling: Keep container closed.

Storage: Keep container closed away from open flame, heat and sparks.

8. Exposure Controls

Engineering measures: None known

Control Parameters:

Personal protection equipment:

Eye protection: Safety glasses or safety shield. Eye wash station.

Hand protection: Neoprene gloves

Hygiene measures: If TLV are exceeded use suitable organic vapor mask.

9. Physical and chemical properties

Appearance: Clear colorless liquid

Odor: solvent odor

pH: 5.0 – 6.5

Boiling point: ND

Melting point: NA

Flashpoint: 170 F

Explosive properties:

Vapor pressure: NA

Relative density: 0.980

Solubility: soluble in water

10. Stability and reactivity

Conditions to avoid: None known

Materials to avoid: Strong oxidizing agents, heat, flames

Hazardous decomposition products: Normal thermal decomposition may produce Carbon monoxide.

11. Toxicological information

Acute toxicity:

Local effects

Excessive exposure may affect human health as follows:

Skin contact: May cause slight irritation if left in contact with skin.

Eye contact: May cause conjunctive irritation.

Inhalation/ingestion: May produce symptoms of central nervous system depression including



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Headache, dizziness, and gastric disturbances.

12. Ecological information

Avoid accidental release to aquatic or terrestrial system.

13. Disposal Considerations

Contact local authorities for disposal regulations.

14. Transport information

Classification data:

DOT: Not regulated (see DOT combustible exemption 173.150 F2)

UN: Not regulated (see DOT combustible exemption 173.150 F2)

15. Regulatory information

Toxics Release Inventory SARA TITLE III, Section 313:

Glycol ether	Reportable Threshold	1% OSHA, 40 CFR 372, TSCA sec. 4
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16. Other Information

Recommendations/restrictions:

Sources of key data used to compile:

NA= Not applicable ND= No data available NE= No establish <=Less than >= Greater than

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