



Safety Data Sheet

Report Date 18-Sep-15

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1. Identification

Product Name : IMPEL
Synonyms : None
Product Use : Oil-Surfactant Penetrant/Low Volume Basal Oil
Manufacturer/Supplier : Helena Chemical Company
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification



Signal Word : Danger
Skin Irritation : Not classified as hazardous
Eye Irritation : Not classified as hazardous
Acute Toxicity Oral : Not classified as hazardous
Acute Toxicity Dermal : Not classified as hazardous

Hazard Categories : Aspiration Hazard-1

Hazard Statement : May be fatal if swallowed and enters airways

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of Aliphatic Hydrocarbon Oils, Surfactants and Nonionic Emulsifiers	Proprietary	100.00

4. First Aid Measures

Eye : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

Skin : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Ingestion : Call a poison control center or doctor immediately for treatment advice. Rinse mouth with water. Do not induce vomiting. Do not give anything by mouth if unconscious.

Indication of Immediate Medical Attention and Special Treatment Needed : In the event of an adverse response, treatment should be directed toward control of the symptoms.

5. Fire Fighting Measures

Extinguishing Media : Carbon dioxide, dry chemical, chemical foam or water fog.
Specific Hazards Arising from the Chemical : Product can be made to burn even though flash point >200 Degrees F.



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Special Fire Fight Proc : Wear positive-pressure self-contained breathing apparatus and full protective clothing. Avoid getting water from fire fighting into domestic or irrigation water supplies.

6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area.
- Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.
- Emergency Procedures** : Spill area will be quite slippery. Dike and contain spilled liquid to prevent spreading.
- Methods and Materials for Containment and Cleanup** : If uncontaminated, collect reuse as intended. If contaminated, absorb spill with clay, sand or sawdust. Scoop, sweep or shovel up absorbent and place in a chemical waste container for proper disposal.

7. Handling and Storage

- Precautions for Safe Handling** : Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Avoid breathing dust, fumes, gas, mist, vapors or spray. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection.
- Conditions for Safe Storage** : Store in a cool, well-ventilated place. Keep in original container with lid tightly closed. Do not reuse empty container. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40 Degrees F. and 90 Degrees F.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No TLV or PEL available.
- Appropriate Engineering Controls** : Normal room ventilation (mechanical) or outdoor use should be satisfactory.
- Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

- Odor/Appearance** : Light amber liquid; little odor.
- Flash Point, °F** : >200 Degrees F.
- Boiling Point, °F** : Unknown
- Melting Point(Freezing point), °C** : Unknown
- Vapor Pressure, mm Hg @ 20 °C** : Unknown
- Vapor Density** : Unknown
- Solubility in Water** : Dispersible
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 0.838-0.859
- Evaporation Rate(Butyl Acetate = 1)** : Unknown
- Octanol/Water Partition Coefficient** : No information found
- pH** : Not applicable
- Flammable Limits (approximate volume % in air)** : No information found



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Auto-ignition Temperature : Not established
Decomposition temperature : Unknown

10. Stability and Reactivity

Reactivity : No information found
Chemical Stability : Stable
Hazardous Decomposition : None known
Products
Hazardous Polymerization : Will not occur
Conditions to Avoid : None known
Incompatible Materials : None known

11. Toxicological Information

Acute Toxicity (Oral LD50) : No LD50 available. Not classified as hazardous by ingestion.
Acute Toxicity (Dermal LD50) : No LD50 available. Not classified as hazardous by skin contact.
Acute Toxicity Inhalation LC50 : No LC50 available. Not classified as hazardous by inhalation.
Likely Routes of Exposure : Ingestion/aspiration
Skin Irritation : Not classified as hazardous by skin contact.
Eye Irritation : Not classified as hazardous by eye contact.
Skin Sensitization : Not a skin sensitizer.
Carcinogenic : Not listed as a carcinogen.
Chronic Effects : No information found
Other Hazards : Aspiration hazard. May be fatal if swallowed and enters airways.

12. Ecological Information

Ecotoxicity : No information found
Persistence and Degradability : No information found
Bioaccumulative Potential : No information found
Mobility in Soil : No information found
Other Adverse Effects : No information found

13. Disposal Considerations

Waste Disposal Method : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

UN Proper Shipping Name : Not regulated by DOT, IATA or IMDG.
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found
Transport in Bulk : No information found
Special Precautions for Transportation : No information found
Freight Classification : Adhesives, Adjuvants, Spreaders or Stickers, N.O.I. (NMFC Item 42652, Class 60)



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15. Regulatory Information

National Fire Protection Association Rating :

Health: 1 Fire: 1 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

S.A.R.A Title III Hazard Classification (Yes/No) :

Immediate(Acute) Health: Y
Delayed (Chronic) Health: N
Sudden Release of Pressure: N
Fire: N
Reactive: N

16. Other Information

Data of Preparation/Revision : 18-September-2015