



Safety Data Sheet

Report Date 21-Dec-16

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1. Identification

Product Name : IMPEL (with Red Dye)
Synonyms : None
Product Use : Oil-surfactant penetrant and 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 : No information available
Eye Irritation : No information available
Acute Toxicity Oral : No data available
Acute Toxicity Dermal : No data available

Hazard Categories : Aspiration Hazard- 1; Skin Sensitization-1B

Hazard Statement : May be fatal if swallowed and enters airways
May cause an allergic skin reaction

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Aliphatic Oils	64742-46-7	90 to 100
Fatty Acids	61790-12-3	1 to 5

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. Wash with plenty of soap and water for several 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 : Unless advised otherwise by a poison control center or doctor, have the person rinse mouth with water, if able. Do not give anything by mouth if unconscious. Immediately call a poison control center or doctor for treatment advice. **DO NOT INDUCE VOMITING.**

Indication of Immediate Medical Attention and Special Treatment Needed : Treat symptomatically. Contains aliphatic hydrocarbon oils - severe aspiration risk if swallowed and enters airways. Do not induce vomiting.

5. Fire Fighting Measures

Extinguishing Media : Carbon dioxide, dry chemical, chemical foam or water fog.



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Specific Hazards Arising from the Chemical : Can be made to burn even though flash point is greater than 200 Degrees F. Combustion may produce carbon monoxide and asphyxiates.
Special Fire Fight Proc : Wear positive-pressure self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions : Keep unprotected and unnecessary personnel out of spill area.
Protective Equipment : Protective eyewear, impervious gloves, impervious apron and footwear. Respiratory protection not needed if area is well-ventilated. Eyewash and emergency shower should be available in work area.
Emergency Procedures : Dike and contain spilled product. If uncontaminated, collect and place in suitable containers for reuse.
Methods and Materials for Containment and Cleanup : If contaminated, absorb spill with clay, sand or sawdust. Place in a chemical waste container for proper disposal. Spill area will be quite slippery.

7. Handling and Storage

Precautions for Safe Handling : Keep out of reach of children. Keep in original container, tightly closed. Do not contaminate water supplies.
Conditions for Safe Storage : Store locked up. Store in a cool, well-ventilated place. Do not store with food, feed or other material to be used or consumed by humans or animals. For optimal storage, store between 40 Degrees F. and 90 Degrees F.

8. Exposure Controls / Personal Protection

TLV/PEL : Not established for mixture.
Appropriate Engineering Controls : Normal room ventilation (mechanical) or outdoor use should be satisfactory.
Personal Protective Equipment : Protective eyewear, impervious gloves, impervious apron and footwear. Respiratory protection not needed if area is well-ventilated. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

Odor/Appearance : Red liquid with little odor.
Flash Point, °F : Unknown
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 : 0.840 to 0.859
Evaporation Rate(Butyl Acetate = 1) : Unknown
Octanol/Water Partition Coefficient : Unknown
pH : Not applicable
Flammable Limits (approximate volume % in air) : Unknown
Auto-ignition Temperature : Not established
Decomposition temperature : Unknown



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10. Stability and Reactivity

- Reactivity** : Unknown
- Chemical Stability** : Stable
- Hazardous Decomposition Products** : Product may produce carbon monoxide and other asphyxiants under fire conditions.
- Hazardous Polymerization** : Will not occur.
- Conditions to Avoid** : Excessive heat.
- Incompatible Materials** : Strong oxidizing agents.

11. Toxicological Information

- Acute Toxicity (Oral LD50)** : No data available. May be fatal if swallowed and enters airways due to aspiration hazard.
- Acute Toxicity (Dermal LD50)** : No data available. May cause an allergic skin reaction after prolonged exposure.
- Acute Toxicity Inhalation LC50** : No data available.
- Likely Routes of Exposure** : Ingestion, skin.
- Skin Irritation** : Removes natural oils and fats from skin with prolonged or repeated contact.
- Eye Irritation** : No data available.
- Skin Sensitization** : May cause an allergic skin reaction.
- Carcinogenic** : Not listed as a carcinogen.
- Chronic Effects** : Removes natural oils and fats from skin with prolonged or repeated contact.
- Other Hazards** : Aspiration hazard. May be fatal if swallowed and enters airways.

12. Ecological Information

- Ecotoxicity** : Not available
- Persistence and Degradability** : Not available
- Bioaccumulative Potential** : Not available
- Mobility in Soil** : Not available
- Other Adverse Effects** : Not available

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)

15. Regulatory Information



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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 N
Pressure:
Fire: N
Reactive: N

16. Other Information

Data of Preparation/Revision : 21-December-2016