

MATERIAL SAFETY DATA SHEET

PRECISION LABORATORIES



Updated: September 16, 2010
Page 1 of 3

Product Name: EXCHANGE™ - High Surfactant Crop Oil Concentrate

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Exchange**
Supplier: PRECISION LABORATORIES
1429 S. SHIELDS DRIVE
WAUKEGAN, IL 60085

Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300
For MSDS, Product Safety, or Regulatory inquiries, call: (847) 596-3001
Customer Service, call: (800) 323-6280

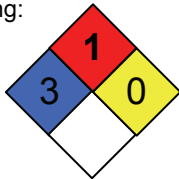
2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% By Wt.</u>
Paraffinic Oil	N/A	5 mg/m ³ as oil mist	5 mg/m ³ as oil mist	N/A

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

NFPA Hazard Rating:



Primary Routes of Exposure:

Eyes: **Yes**

Skin: **Yes**

Oral: **Yes**

Inhalation: **Yes**

Signs and Symptoms of Exposure:

Eye contact: Will cause severe irritation and reddening, may cause injury or burns if not immediately removed.
Skin contact: Prolonged contact may cause irritation and reddening.
Inhalation: May cause severe lung damage if ingested or vomited.
Ingestion: May cause nausea, vomiting, CNS depression, pneumonitis, and pulmonary edema.

4. FIRST AID MEASURES

FIRST AID MEASURES FOR ACCIDENTAL EXPOSURE

Eye Exposure: Check for and remove contact lenses. Immediately flush eyes with water for at least 15 minutes. Seek medical attention.

Skin Exposure: Wash effected area with plenty of soap and water. Cold water may be used. Seek medical attention if irritation develops.

Inhalation: Move individual to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.

Ingestion: **Do not induce vomiting unless directed to do so by medical personnel.** Never give fluids or force vomiting if the person is unconscious, is having convulsions or has no gag reflex. Seek immediate medical attention.

Medical Conditions Aggravated by Overexposure: None known.

5. FIRE-FIGHTING MEASURES

FIRE HAZARD DATA:

Flammability: N/A LEL: N/A UEL: N/A

Auto-ignition temperature: N/D

Flash Point: N/A

Extinguishing Media: Water spray, foam, CO₂, or dry chemicals may be used in areas where this product is stored.

Special Fire Fighting Procedures: Firefighters should wear NIOSH/OSHA approved self-contained breathing apparatus and full protective clothing.

Additional Fire and Explosive Data: None.

MATERIAL SAFETY DATA SHEET

PRECISION LABORATORIES



Updated: September 16, 2010

Page 2 of 3

Product Name: EXCHANGE™ - High Surfactant Crop Oil Concentrate

6. ACCIDENTAL RELEASE MEASURES

Do not touch or walk through spilled material. Stop leak if possible to do so without risk. Evacuate the spill area, except for cleanup personnel. Wear protective equipment as referenced in Section 8 below. Control spill with adsorbent pads or booms. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal. Product is slippery under foot; flush smooth surfaces thoroughly. This product is classified as an oil under Section 311 of the Clean Water Act. Discharge to surface waters that cause a sheen must be reported to the National Response Center (800-424-8802).

7. HANDLING AND STORAGE

Precautions to be Taken in Handling: Keep away from heat, sparks and flame. Keep container closed. Safety goggles with full-face shield and eyewash recommended. USDA-accepted Nitrile (CFR-20) or neoprene rubber (CFR-21) recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact. Use only with adequate mechanical exhaust ventilation. To avoid fire minimize ignition sources.

Precautions to be Taken in Storage: Product should be stored in a dry place with temperatures above 30°F. Partially used containers should be resealed between uses for maximum storage stability.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Note: When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

Eye Protection: Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.

Skin Protection: Wear chemical-resistant gloves and apron, long-sleeved shirt, pants, socks and shoes to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Inhalation Protection: Protect against spray mists and dust clouds. Respirator recommended in areas of poor ventilation.

Other Protection: Eye wash fountains and drench showers should be located within 100 feet or a 10 second walk or the work area per ANSI Z358.1-1990.

Personal Protection in Case of Large Spill: Splash goggles. Full suit. Boots, Gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance & Odor: Amber clear liquid with slight odor.

Boiling Point: N/A

pH: N/A

Solubility in Water: Complete.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Incompatibility: Strong acids, strong oxidizers. Do not mix with chlorinated detergents (bleach).

Hazardous Decomposition Products: Burning may produce carbon monoxide, carbon dioxide and unidentified organic compound.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None.

11. TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Recycle or rework material if at all possible. Dispose of or treat at an acceptable waste treatment facility, or municipal waste treatment plant after proper testing and approval waste samples in compliance with applicable federal, state and local environmental regulations.

Container Reuse: An empty container can contain product residue, and should be not reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

14. TRANSPORT INFORMATION

DOT Status (Highway and rail): N/E

IATA Status (Air): N/E

MATERIAL SAFETY DATA SHEET

PRECISION LABORATORIES



Updated: September 16, 2010
Page 3 of 3

Product Name: EXCHANGE™ - High Surfactant Crop Oil Concentrate

15. REGULATORY INFORMATION

SARA HAZARD:	Title III, Section 313: Contains no Section 313 listed substances subject to reporting.
AICS (Australia):	Components listed.
DSL (Canada):	Components listed.
EINECS (Europe):	Components listed.
TSCA:	Components listed.

WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, PRECISION LABORATORIES, INC., MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

- N/R—Not Rated
- N/D—Not Determined
- N/A—Not Applicable
- N/E—Not Established