

SAFETY DATA SHEETS

This SDS packet was issued with item:

078481165

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078435509

This Material Safety Data sheet is not intended for consumers and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product labeling.

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: Detachol® Adhesive Remover

Manufacturer: Ferndale Laboratories, Inc.
780 West Eight Mile Road
Ferndale, Michigan 48220-2498

Emergency Telephone: For emergency involving spill, leak, fire exposure or accident, call CHEMTREC (800) 424-9300, day or night

Product Technical and Medical Information: (800) 621-6003

2. COMPOSITION/HAZARDOUS INGREDIENTS (OSHA-regulated, present at ≥ 1%)

Chemical Name	CAS Number	Percent (by weight)	Exposure Limit in Air (TWA - 8 hours a day/ 5 day work week)
Odorless Mineral Spirits Naphtha (petroleum), hydrotreated heavy	64742-48-9	<100%	1200 mg/m ³ / 175 ppm (Exxon)

Listed Carcinogens: The following components, present at concentrations of ≥0.1% are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), OSHA or ACGIH: None.

3. HAZARDS IDENTIFICATION

	<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>
National Fire Protection Association (NFPA) (estimated)	1	2	0

This material is HAZARDOUS by OSHA Hazard Communication guidelines.

Emergency Overview

Appearance: Clear orange liquid

Odor: Characteristic

Potential Health Effects

Inhalation: High vapor concentrations may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects.

Eye Contact: May cause irritation.

Skin Contact: Repeated or prolonged contact may cause skin dryness or cracking.

Ingestion: May be aspirated and cause lung damage.

4. FIRST AID MEASURES

- Inhalation:** Remove from further exposure. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a medical device or use mouth-to-mouth resuscitation.
- Eyes:** Immediately flush eyes with plenty of water. If irritation occurs, get medical attention.
- Skin:** Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
- Ingestion:** Seek immediate medical attention. Do not induce vomiting.

5. FIRE FIGHTING

- Flammable Properties:** **Flash Point:** > 129°F / > 54°C
Flammable Limits (volume % in air): LEL: 0.7 UEL: 5.3
Autoignition Temperature: 475°F (246°C)
- Extinguishing Media:** Water fog, CO₂, foam or dry chemical
- Special Fire Fighting Procedures:** Hazardous material. Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires. Vapors are flammable and heavier than air, may travel across the ground and reach remote ignition sources causing a flashback fire danger.

6. ACCIDENTAL RELEASE MEASURES

- Personal Protection:** Avoid contact with spilled material. See Section 4 for First Aid advice. Use personal protection recommended in Section 8 of the MSDS.
- Notification Procedure:** U.S. regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity which could reach any waterway. The National Resource Center can be reached at (800) 424-8802.
- Spill Cleanup Methods:** Prevent entry into sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Use clean non-sparking tools to collect absorbed material. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

7. HANDLING AND STORAGE

- Handling:** Store at controlled room temperature between 59-86°F (15-30°C)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Adequate ventilation so that exposure limits are not exceeded.
- Respiratory Protection:** Not applicable; aerosol formation is extremely unlikely for normal use. When handling large quantities an approved respirator may be used if

Eye Protection:	engineering controls do not maintain airborne contaminant concentrations at a level to adequately protect a workers health. None required during normal administration or use of Detachol® Adhesive Remover. When handling large quantities, use approved eye protection to safeguard against potential eye contact.
Protective Clothing:	Prolonged skin contact may require protective gloves.
Hygienic Work Practices:	Wash hands thoroughly after handling. If working with large quantities of Detachol® Adhesive Remover (such as spill clean-up), use chemical and oil resistant gloves and clothing, and appropriate eye protection. No eating, drinking or smoking in area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear orange liquid
pH:	Essentially neutral

10. STABILITY AND REACTIVITY

Stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources.
Materials to avoid:	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products:	Material does not decompose at ambient temperatures.
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged to be neither a “corrosive” nor an “irritant” by OSHA criteria.

Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

12. ECOLOGICAL INFORMATION

Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Not expected to be harmful to aquatic organisms or demonstrate chronic toxicity to aquatic organisms.

13. DISPOSAL RECOMMENDATIONS

For small quantities, product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products. Disposal of the used product may also be regulated due to ignitability, corrosivity, reactivity or toxicity as determined by the Toxicity Characteristic Leaching Procedure (TCLP). For large quantities, any disposal practice must be in compliance with local, state, and federal

laws and regulations (contact local or state environmental agency for specific rules). Do not dispose of via sinks, drains, or into immediate environment.

14. TRANSPORT INFORMATION

Regulatory classification of this product varies.

Land (DOT):	Flammable liquid or combustible liquid. This material is not regulated under 49 CFR in a container of 119 gallons or less.
Land (TDG):	Flammable liquid or combustible liquid. This material is not regulated under 49 CFR in a container of 119 gallons or less.
Sea (IMDG):	This product is considered a flammable liquid. Bulk or non-bulk packaging: UN1268, Petroleum Distillates, N.O.S., 3, PG III Finished Product: Shipped under Consumer Commodity
Air (IATA/IMO):	This product is considered a flammable liquid. Bulk or non-bulk packaging: UN1268, Petroleum Distillates, N.O.S., 3, PG III Finished Product: Shipped under Consumer Commodity

15. REGULATORY INFORMATION

TSCA:	Exempt
CERCLA:	This product contains no components subject to reporting or notification requirements.
SARA (311/312) Reportable Hazard Category:	Fire
SARA (313) Toxic Release Inventory:	This product contains no chemicals subject to the supplier notification requirements.

16. OTHER INFORMATION

Date Issued:	May 12, 2010
Supersedes Date:	November 3, 2008
MSDS:	0513, Detachol® Adhesive Remover

Notice: The preceding information is based on available data compiled by the manufacturer from its own studies and the work of others and is believed to be correct. However, no warranty is expressed or implied as to the accuracy, completeness or adequacy of this information, the results to be obtained from the use thereof or the hazards connected with the use of the material. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, Ferndale Laboratories, Inc. does not assume any responsibility for the results of its use. The information is furnished upon the condition that the persons receiving it shall make their own determination as to the suitability of the product for their particular use.