

This 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

Product Use: Adhesive remover

Marketed by: Eloquest Healthcare, Inc.
780 West Eight Mile Road
Ferndale, Michigan 48220

Manufactured by: Ferndale Laboratories, Inc.
780 West Eight Mile Road
Ferndale, Michigan 48220

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. HAZARDS IDENTIFICATION

GHS Hazard Classification

Flammable Liquid: Category 3

Aspiration Toxicant: Category 1.

Signal Word: DANGER



Hazard Statements:

- **H226 Flammable liquid and vapour.**
- **H304 May be fatal if swallowed and enters airways.**

Precautionary Statements

- P210: **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking..**
- P233: **Keep container tightly closed.**
- P240: **Ground and bond container and receiving equipment.**
- P241: **Use explosion-proof (electrical/ventilating/lighting) equipment.**
- P242: **Use non-sparking tools.**
- P243: **Take action to prevent static discharges.**
- P280: **Wear protective gloves/protective clothing/eye protection/face protection.**
- P301 + P310: **IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.**
- P331: **Do NOT induce vomiting.**
- P303 + P361 + P353: **IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).**

P370 + P378: **In case of fire: Use dry chemical, carbon dioxide (CO₂), or foam is recommended. Water spray to cool or protect exposed materials or structures.**

P403 + P235: **Store in a well-ventilated place. Keep cool.**

P405: **Store locked up.**

P501: **Dispose of contents/container in accordance with all applicable local, state and federal regulations.**

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.



National Fire Protection Association (NFPA)
(estimated)

Health-1 Flammability-2 Reactivity-0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent (by weight)
Odorless Mineral Spirits Naphtha (petroleum), hydrotreated heavy/ Hydrocarbons, C10-C12, isoalkanes, <2% aromatics	64742-48-9/ 64741-65-7	<99%
D & C Red No. 17	85-86-9	<1 %
Fragrascent Many Flowers	Mixture	<1%

Listed Carcinogens: The following components, present at concentrations of $\geq 0.1\%$ 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.**

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

- 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 SDS.
- 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). Store in a well-ventilated place. See Precautionary Statements in Section 2 Hazards Identification.

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 engineering controls do not maintain airborne contaminant concentrations at a level to adequately protect a workers health.
- Eye Protection:** 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
- Odor:** Characteristic

Odor threshold:	Not Available
pH:	Essentially neutral
Melting point/freezing point:	Not Available
Initial boiling point and boiling range:	Not Available
Flash point:	129°F / 54°C
Evaporation rate (n-butyl acetate=1):	0.07 [calculated]
Upper/lower flammability or explosive limits:	Flammable Limits (volume % in air): LEL: 0.7 UEL: 5.0
Vapor pressure:	0.07 kPA (0.53 mm Hg) at 20°C [calculated]
Vapor density (Air =1):	5.4 at 101 kPA [calculated]
Relative density (bulk):	6.33 lbs/gal
Solubility in Water:	Negligible
Partition coefficient (n-octanol/water) Log Pow:	>4
Auto-ignition temperature:	658°F (348°C)
Decomposition temperature:	Not Available
Viscosity:	1.4 cSt (1.4mm ² /sec) at 40° 1.9 cSt (1.9mm ² /sec) at 20°C [calculated]

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

Toxicological information included for the ingredients of Detachol® pertaining to its intended use as a topical dermal adhesive remover:

Odorless Mineral Spirits- 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 unlikely to be harmful. Acute toxicity-Inhalation (Rat): LC50>5000mg/m³ (Vapor) 8 hours. Acute toxicity-Skin (Rabbit): LD 50>5000mg/kg, minimally toxic. May cause mild, short-lasting discomfort to eyes. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. Not listed as a carcinogen for NTP, IARC, and OSHA.

D&C RED #17- Non-irritant. This chemical is not considered to be carcinogenic by NTP, ARC, or OSHA.

Many Flowers Fragrance has not been thoroughly investigated for chemical, physical, and toxicological properties.

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) or RCRA regulations (40 CFR 261) for potential RCRA Ignitability characteristic. 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: UN 1268, Petrolatum Distillates, N.O.S., 3, PG III Finished Product: Shipped as ID8000, Consumer Commodity, 9
Air (IATA/IMO):	This product is considered a flammable liquid. Bulk or non-bulk packaging: UN 1268, Petrolatum Distillates, N.O.S., 3, PG III Finished Product: Shipped as ID8000, Consumer Commodity, 9

15. REGULATORY INFORMATION

TSCA:	Exempt
CERCLA:	This product contains no components subject to reporting or notification requirements.
SARA 302:	No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302

SARA (311/312) Reportable

Hazard Category: Fire. Immediate Health. Delayed Health.

SARA (313) Toxic Release Inventory: This product contains no chemicals subject to the supplier notification requirements of SARA 313 Toxic Release Program.

16. OTHER INFORMATION

Date Issued: January 30, 2018
Supersedes Date: February 2, 2015
SDS: 0513, Detachol® Adhesive Remover
Reference SDS(s): OMS ExxonMobil Revision Date: 06Mar2017; OMS Phillips Issue Date: 22-Jun-2017; Fragascent Revision Number 1 Revision Date: 13-Sep-2016; D&C Red #17 Date Revised: August 30, 2010.
Revision Changes: Updated Section 2. Hazards Identification, Section 3. Composition, Section 7 Handling and Storage, Section 9. Physical and Chemical Properties, Section 11 Toxicological Information, Section 13 Disposal Recommendations, Section 14, Transport Information, and Section 15 Regulatory Information as per Hazard Communication Standard (29 CFR 1910.1200)

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.