

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING

Product Name PREPPIE Adhesive Remover Wipe
Product Description Adhesive Remover
Product Numbers 21480
Manufacturer/Supplier Tyco Healthcare/ Kendall
Address 15 Hampshire Street
Mansfield, MA 02048
Phone Number (508) 261-8000 (Monday – Friday 8:00 am to 5:00 pm)
Chemtrec Number (800) 424-9300
Revision Date: April 1, 2010
MSDS Date: July 8, 2008

Safety Data Sheet according to EC directive 2001/58/EC and OSHA's Hazcom Standard (29 CFR 1910.1200)

2. HAZARDS IDENTIFICATION

EU Main Hazards

Flammable.
Irritating to eyes and skin.
Vapors may cause drowsiness and dizziness.

Routes of Entry

Absorption - Eye contact - Inhalation - Skin contact

Carcinogenic Status

Not considered carcinogenic by NTP, IARC, and OSHA.

Target Organs

- Central Nervous System - Skin - Eye - Respiratory System

Health Effects - Eyes

Contact may cause irritation.

Health Effects - Skin

Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
May cause sensitization. Liquid may be absorbed through the skin.

Health Effects - Ingestion

Not an expected route of entry during normal handling and use.

Health Effects - Inhalation

Prolonged, repeated exposure to vapor may have the following effects:
- irritation of nose, throat and respiratory tract - central nervous system depression

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component Name | CAS#/Codes | Concentration | R Phrases | Classification |
|-------------------|------------------------|---------------|--------------------------|----------------|
| Kerosene | 8008-20-6 232-366-4 | > 70% | R65 | Xn |
| d-Limonene | 8028-48-6 232-433-8 | < 30% | R10, R38, R43, R50/53 | Xi, N |
| Aloe Vera Extract | Trade secret | < 5 % | None | None |

4. FIRST AID MEASURES

Eyes

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists.

Ingestion

Obtain medical attention immediately.

Inhalation

Remove person to fresh air. Seek medical attention if symptoms persist.

Advice to Physicians

Treat symptomatically.

5. FIRE - FIGHTING MEASURES

Extinguishing Media

Use foam, dry chemical or carbon dioxide. Be aware of the possibility of re-ignition. Keep containers and surroundings cool with water spray.

Unusual Fire and Explosion Hazards

Vapors can travel a considerable distance to a source of ignition and flashback. Flashback can occur if air temperature exceeds flash point. Be aware of possibility of re-ignition.

Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Transfer into suitable containers for recovery or disposal. Prevent the material from entering drains or watercourses. Notify authorities if spill has entered watercourse or sewer or has contaminated soil or vegetation.

7. HANDLING AND STORAGE

Use in well ventilated area. Avoid inhaling vapor. Store away from sources of heat or ignition. Storage area should be: - cool - dry - well ventilated - away from incompatible materials - below 120°F

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards

Exposure limits are listed below, if they exist.

Kerosene

ACGIH: TLV 200 mg/m³ 8h TWA as total hydrocarbon vapor. Skin: Danger of cutaneous absorption.

d- Limonene

None assigned.

Aloe Vera Oil

None assigned.

Engineering Control Measures

Good general room ventilation is expected to be adequate to control airborne levels.

Respiratory Protection

Respiratory protection not normally required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand Protection

Chemical resistant gloves

Eye Protection

Safety glasses

Body Protection

Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------|---------------------------------------|
| Physical State | Non-woven cloth saturated with liquid |
| Color | Clear, colorless to pale yellow |
| Odor | Orange |
| pH | 5 – 6 (solution) |
| Specific Gravity | 0.80 (solution) |
| Boiling Range/Point (°C/F) | No data |
| Melting Point (°C/F) | No data |
| Flash Point (PMCC) (°C/F) | > 43/110 (d-limonene) |
| Vapor Pressure | No data. |
| Density | No data. |
| Solubility in Water | Insoluble |
| Vapor Density (Air = 1) | 2.1 |
| Viscosity (cSt) | No data. |

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to Avoid

- Heat - High temperatures

Materials to Avoid

- Strong oxidizing agents

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

- oxides of carbon

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Low order of acute toxicity predicted.

Kerosene: LD50 Oral (rat) >2000 mg/kg, LD50 Dermal (rabbit) >2000mg/kg, Material may be harmful by skin absorption.

d-Limonene: LD50 Oral (rat) 5000mg/kg, LD50 Dermal (rabbit) >5000mg/kg (24 hr application)

Chronic Toxicity/Carcinogenicity

This product is not expected to cause long term adverse health effects.

Genotoxicity

This product is not expected to cause any mutagenic effects.

11. TOXICOLOGICAL INFORMATION

Reproductive/Developmental Toxicity

This product is not expected to cause reproductive or developmental health effects.

12. ECOLOGICAL INFORMATION

Mobility

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bio-accumulation

No relevant studies identified.

Ecotoxicity

d-Limonene: LC 50 (Water Flea) 0.577mg/L 48hr (flow through)

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local and national regulations

14. TRANSPORT INFORMATION

| | |
|---|--|
| DOT CFR 172.101 Data | Not Regulated per 49 CFR 173.4 Small Quantity Exemption |
| UN Proper Shipping Name | None |
| UN Class | None |
| UN Number | None |
| UN Packaging Group | None |
| Classification for AIR Transportation (IATA) | Consult current IATA Regulations prior to shipping by air. |

15. REGULATORY INFORMATION

EU Label Information

Classification and labelling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments (2001/60/EC and 2006/8/EC).

EU Hazard Symbol and Indication of Danger

Xi - Irritant

N - Dangerous to the environment.

R phrases

R10 - Flammable.

R36/38 - Irritating to eyes and skin.

R43 - May cause sensitization by skin contact.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

S2 - Keep out of reach of children.

S7 - Keep container tightly closed.

S16 - Keep away from sources of ignition - No smoking.

S25 - Avoid contact with eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

15. REGULATORY INFORMATION

US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS**TSCA Listing**

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory.

EINECS Listing

All ingredients in this product are listed on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are exempt from listing.

DSL (Canadian) Listing

All ingredients in this product are listed on the Domestic Substance List (DSL).

MA Right To Know Law

All components have been checked for inclusion on the Massachusetts Substance List (MSL). Those components present at or above the de minimis concentration include: Kerosene

PA Right To Know Law

This product contains the following chemicals found on the Pennsylvania Hazardous Substance List: Kerosene

NJ Right To Know Law

This product contains the following chemicals found on the NJ Right To Know Hazardous Substance List: Kerosene – d-limonene (regulated as a member of the generics group for CAS # 138-86-3)

California Proposition 65

This product does not contain materials which the State of California has found to cause cancer, birth defects or other reproductive harm.

SARA Title III Sect. 302 (EHS)

This product does not contain any chemicals subject to SARA Title III Section 302.

SARA Title III Sect. 304

This product does not contain any chemicals subject to SARA Title III Section 304.

SARA Title III Sect. 311/312 Categorization

Immediate (Acute) Health Hazard
Delayed (Chronic) Health Hazard
Flammable

SARA Title III Sect. 313

This product does not contain any chemicals listed in Section 313 at or above de minimis concentrations.

16. OTHER INFORMATION

NFPA Ratings

NFPA Code for Flammability - 2
NFPA Code for Health - 1
NFPA Code for Reactivity - 0
NFPA Code for Special Hazards - None

HMIS Ratings

HMIS Code for Flammability - 2
HMIS Code for Health - 1
HMIS Code for Reactivity - 0
HMIS Code for Personal Protection - See Section 8

16. OTHER INFORMATION

Abbreviations

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer

EU: European Union

R: Risk

S: Safety

R65: Harmful: may cause lung damage if swallowed.

R38: Irritating to skin.

Prepared By: EnviroNet LLC.

The information and recommendations presented in this MSDS are based on sources believed to be accurate; therefore, The Kendall Company assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the information for their particular purposes.
