

SECTION 1: Identification and Company Details

Product Name: 8100 Adhesive Remover
Product Code: R8100
Manufacturer/ Supplier: Roberts Consolidated Industries, Inc.
Address: 300 Cross Plains Blvd.
Dalton, GA 30721
Emergency Phone: (800) 424-9300 (24-hour Response /CHEMTREC)
Product Information: (706) 277-5294
Recommended Use: Adhesive Remover

SECTION 2: Hazard(s) Identification

OSHA / HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification of the substance or mixture: Flammable Liquid Category 4 H227
Aspiration Toxicity Category 1 H304
Skin Irritation Category 2 H315
Eye Irritation Category 2 H319
Chronic Aquatic Toxicity Category 3

Signal Word: Danger

Hazard Statements: Combustible liquid
Causes skin irritation
Causes serious eye irritation
May be fatal if swallowed and enters airways
Harmful to aquatic life with long lasting effects



Hazard Pictograms:

Precautionary Statements: Keep away from heat, open flames, sparks. - No smoking
Wash hands thoroughly after handling.
Avoid release to the environment
Wear eye protection, protective clothing, protective gloves
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
If swallowed, do NOT induce vomiting
In case of fire: Use dry chemical, foam, CO2 for extinction
Store in a well-ventilated place. Keep cool
Store locked up
Dispose of contents/container to licensed waste handling facility

SECTION 3: Composition / Information on Ingredients

| Name | CAS# | % |
|--|--------------|--------------|
| Petroleum distillates, hydrotreated light | 64742-47-8 | Proprietary* |
| Solvent naphtha, petroleum, heavy aromatic | 64742-94-5 | Proprietary* |
| 2-(2-butoxyethoxy)ethanol | 112-34-5 | Proprietary* |
| Surfactant | Proprietary* | Proprietary* |
| Fragrance | Proprietary* | Proprietary* |

*The exact percentage of composition has been withheld as a trade secret

SECTION 4: First-Aid Measures

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| First-Aid Measures General: | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| Inhalation: | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell |
| Skin Contact: | IF ON SKIN: Immediately rinse with plenty of soap and water (for at least 15 minutes). If skin irritation occurs, get medical advice/attention. |
| Eye Contact: | IF IN EYES: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation occurs, get medical advice/attention. |
| Ingestion: | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Obtain emergency medical attention. |

Most important symptoms and effects, both acute and delayed

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| Symptoms/Injuries: | May be fatal if swallowed and enters airways. |
| Symptoms/Injuries after Inhalation: | Inhalation in high concentrations may cause irritation of the mucous membranes. Solvent vapors are hazardous and may cause nausea, sickness and headaches. Aspiration of this material into the lungs may cause chemical pneumonia or death. |
| Symptoms/Injuries After Skin Contact: | Contact during a long period may cause light irritation. |
| Symptoms/Injuries After Eye Contact: | Direct contact with the eyes is likely to be irritating. |
| Symptoms/Injuries After Ingestion: | Acute ingestion causes CNS depression, oropharyngeal and gastric pain and vomiting. |
| Chronic Symptoms: | No data available. |

SECTION 5: Fire-Fighting Measures

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| Extinguishing Media: | Dry chemical. Carbon dioxide. Foam |
| Special Hazards Arising from the Substance or Mixture: | Fire Hazard: This material is an NFPA IIIA combustible liquid. Explosion Hazard: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Reactivity: No dangerous reactions known under normal conditions of use. |
| Protection of Firefighters: | Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. |

SECTION 6: Accidental Release Measures

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| Personal Precautions: | General Measures: Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8). |
| Non-Emergency Personnel: | Protective Equipment: Wear Protective equipment as described in Section 8 Emergency Procedures: Evacuate unnecessary personnel. |
| Emergency Responders: | Protective Equipment: Use protective gloves, goggles face protection and suitable protective clothing. Approved supplied-air respirator, in case of emergency. |
| Environmental Precautions: | Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment. |
| Methods and Material for containment and cleaning up: | Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Foam may be used to suppress vapors. Clean-Up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. |

Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

Reference to other sections: No additional information available

SECTION 7: Handling and Storage

Handling Precautions: Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe mists. Keep away from sources of ignition - No smoking.

Storage: Keep only in the original container in a cool, well ventilated place away from heat sources. Keep container closed when not in use.

Specific end use(s): No additional information available

SECTION 8: Exposure Control / Personal Protection

Petroleum distillates, hydrotreated light (64742-47-8)

Remark (ACGIH) OELs: not established
Remark (US OSHA) OELs: not established

Solvent naphtha, petroleum, heavy aromatic (64742-94-5)

Remark (ACGIH) OELs: not established
Remark (US OSHA) OELs not established

2-(2-butoxyethoxy) ethanol (112-34-5)

Remark (ACGIH) TWA - 10 ppm
Remark (US OSHA) OELs: not established

Surfactant (Proprietary*)

Remark (ACGIH) OELs not established
Remark (US OSHA) OELs not established

Exposure Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protection:

Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Natural rubber ("latex"), Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

Eye protection: Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: An approved organic vapor respirator/supplied air or self-contained breathing apparatus must be used when vapor concentration exceeds applicable exposure limits

SECTION 9: Physical and Chemical Properties

Physical state: Liquid

Appearance: Clear

Color: None to amber

Odor: Mild solvent odor

Odor Threshold: No data available

pH: Not applicable

Relative Evaporation Rate (butyl acetate=1): No data available

Melting Point: No data available

Freezing Point: No data available

Boiling Point: 184 - 194 °C (363-381 °F)

Flash Point: 77 °C (170 °F) Note: Minimum. Method: PMCC

Self Ignition Temperature: No data available

Decomposition Temperature: No data available

Flammability (solid, gas): No data available

Vapor Pressure: < 0.5 mm Hg @ 68 °F

Relative Vapor Density at 20 °C: Heavier than air.

Relative Density: No data available

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|------------------------------|-------------------|
| Solubility: | No data available |
| Log Pow: | No data available |
| Log Kow: | No data available |
| Viscosity, Kinematic: | No data available |
| Viscosity, Dynamic: | No data available |
| Explosive Properties: | No data available |
| Oxidizing Properties: | No data available |
| Explosive Limit: | No data available |
| VOC Content: | < 45 g/l |

*When determining VOC content in accordance with the requirements set forth by the Ozone Transport Commission (OTC), effective 01-01-2009

SECTION 10: Stability and Reactivity

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| Reactivity: | No dangerous reactions known under normal conditions of use. |
| Chemical Stability: | Stable under recommended handling and storage conditions (see section 7). |
| Possibility of Hazardous Reactions: | None known. |
| Conditions to Avoid: | Sparks. Heat. Open flame. |
| Incompatible Materials: | Avoid contact with oxidizing agent. |
| Hazardous Decomposition Products: | Thermal decomposition generates: Carbon oxides (CO, CO ₂). |

SECTION 11: Toxicological Information

Acute toxicity: Not Classified

| Petroleum distillates, hydrotreated light (64742-47-8) | |
|---|---------------|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 inhalation rat (mg/l) | > 5.2 mg/l/4h |

| Solvent naphtha, petroleum, heavy aromatic (64742-94-5) | |
|--|----------------------------|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 inhalation rat (mg/l) | > 590 mg/m ³ 4h |

| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|--------------|
| LD50 oral rat | > 4500 mg/kg |
| LD50 dermal rabbit | > 2500 mg/kg |

| Surfactant (Proprietary*) | |
|----------------------------------|--------------|
| LD50 oral rat | > 1300 mg/kg |
| LD50 dermal rabbit | > 2 g/kg |

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| Skin Corrosion/Irritation: | Skin Irritant Category 2 |
| Serious Eye Damage/Irritation: | Eye Irritant Category 2 |
| Respiratory or Skin Sensitization: | Not classified |
| Germ Cell Mutagenicity: | Not classified |
| Carcinogenicity: | Not classified |
| Reproductive Toxicity: | Not classified |
| Specific Target Organ Toxicity (Single Exposure): | Not classified |
| Specific target Organ Toxicity (Repeated Exposure): | Not classified |
| Aspiration Hazard: | May be fatal if swallowed and enters airways. |
| Symptoms/Injuries after Inhalation: | Inhalation in high concentrations may cause irritation of the mucous membranes. Solvent vapors are hazardous and may cause nausea, sickness and headaches. Aspiration of this material into the lungs may cause chemical pneumonia or death. |
| Symptoms/Injuries after Skin Contact: | Contact may cause irritation. |
| Symptoms/Injuries after Eye Contact: | Direct contact with the eyes is likely to be irritating. |
| Symptoms/Injuries after Ingestion: | Acute ingestion causes CNS depression, oropharyngeal and gastric pain and vomiting. |

SECTION 12: Ecological Information

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|---------------------------------------|-------------------------------------|
| Toxicity: | No additional information available |
| Persistence and Degradability: | No additional information available |
| Bioaccumulative Potential: | No additional information available |
| Mobility in Soil: | No additional information available |
| Other Adverse Effects: | No additional information available |

SECTION 13: Disposal Considerations

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| Waste Treatment Methods: | Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit. |
| Waste Disposal Recommendations: | Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment. |

SECTION 14: Transport Information

In accordance with DOT Transport document description: Cleaning Compound
Department of Transportation (DOT) Hazard Classes: Not Regulated – Product does not sustain combustion
Other information: Not regulated in pkg. of less than 119 gal.
Transport by sea: No additional information available
Air transport: No additional information available
In accordance with ADR / RID / IMDG / IATA / ADN

SECTION 15: Regulatory Information

US Federal regulations

All chemical substances in this product are listed in the EPA (Environmental Protection Agency) TSCA (Toxic Substances Control Act) Inventory

SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard Fire hazard

Petroleum distillates, hydrotreated light (64742-47-8): Listed on the United States TSCA (Toxic Substances Control Act) inventory

Solvent naphtha, petroleum, heavy aromatic (64742-94-5): Listed on the United States TSCA (Toxic Substances Control Act) inventory

2-(2-butoxyethoxy)ethanol (112-34-5): Listed on the United States TSCA (Toxic Substances Control Act) inventory

Surfactant (Proprietary*): Listed on the United States TSCA (Toxic Substances Control Act) inventory

International regulations

CANADA

Petroleum distillates, hydrotreated light (64742-47-8): Listed on the Canadian DSL (Domestic Substances List) inventory.

Solvent naphtha, petroleum, heavy aromatic (64742-94-5): Listed on the Canadian DSL (Domestic Substances List) inventory.

2-(2-butoxyethoxy)ethanol (112-34-5): Listed on the Canadian DSL (Domestic Substances List) inventory.

Surfactant (Proprietary*): Listed on the Canadian DSL (Domestic Substances List) inventory.

National regulations

Petroleum distillates, hydrotreated light (64742-47-8):

Listed on Inventory of Existing Chemical Substances (IECSC)

Listed on the AICS (the Australian Inventory of Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.

Listed on the Korean ECL (Existing Chemical List) inventory.

Solvent naphtha, petroleum, heavy aromatic (64742-94-5)

Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on the Korean ECL (Existing Chemical List) inventory.

2-(2-butoxyethoxy)ethanol (112-34-5)

Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on the Philippines CCS (Chemicals & Chemical Substances) inventory.

Surfactant (Proprietary*)

Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.

US State regulations

California Prop 65: Warning: This product can expose you to chemicals including Naphthalene (91-20-3), which is known to the State of California to cause cancer. For more information go to www.P65warnings.ca.gov.

No significance risk level (NSRL)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

SECTION 16: Other Information

This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200).

NFPA health hazard 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard: 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.
NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating

Health: 1; Flammability : 2; Physical : 0; Personal Protection :

Prepared by: Roberts Consolidated Product Safety & Regulatory Compliance Group, (706) 277-5294

The information herein is given in good faith, but no warranty expressed or implied is made. Roberts Consolidated urges users of this product to evaluate its suitability and compliance with local regulations as Roberts Consolidated cannot foresee the final use of the product, nor the final location of usage.

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