

MATERIAL SAFETY DATA SHEET

Trade Name: Super S Glass Cleaner
MSDS NO. S330
Revision Date:
Date Printed 03/27/2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Super S Glass Cleaner
Synonyms: None
Emergency Telephone (24 hr.): CHEMTREC 1-800-424-9300
Supplier: Smitty's Supply, Hwy 51 North, Roseland, LA, 70456

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | Weight % | OSHA TWA | OSHA STEL | OSHA SKIN |
|-----------------------------|----------|------------|------------|------------|
| Propane 74-98-6 | 4-7 | Not Listed | Not Listed | Not Listed |
| Butane 106-97-8 | 4-7 | Not Listed | Not Listed | Not Listed |
| Glycol Ether EB 111-76-2 | 0.5-2 | Not Listed | Not Listed | 50 ppm |
| Ethanol 64-17-5 | 0.5-2 | Not Listed | Not Listed | Not Listed |
| Methyl Alcohol 67-56-1 | 3-5 | Not Listed | Not Listed | Not Listed |

| Component | Weight % | OSHA Z PEL | OSHA Z TWA | OSHA Z Ceiling |
|-----------------------------|----------|---------------------------------|---------------------------------|----------------|
| Propane 74-98-6 | 4-7 | 1800 mg/m ³ 1000 ppm | 1800 mg/m ³ 1000 ppm | Not Listed |
| Butane 106-97-8 | 4-7 | Not Listed | 1900 mg/m ³ 800 ppm | Not Listed |
| Glycol Ether EB 111-76-2 | 0.5-2 | 240 mg/m ³ 50 ppm | 120 mg/m ³ 25 ppm | Not Listed |
| Ethanol 64-17-5 | 0.5-2 | 1900 mg/m ³ 1000 ppm | 1900 mg/m ³ 1000 ppm | Not Listed |
| Methyl Alcohol 67-56-1 | 3-5 | 260 mg/m ³ 200 ppm | 260 mg/m ³ 200 ppm | Not Listed |

| Component | ACGIH TLV TWA | ACGIH TLV STEL | ACGIH TLV Ceiling |
|-----------------------------|---------------|----------------|-------------------|
| Propane 74-98-6 | 1000 ppm | Not Listed | Not Listed |
| Butane 106-97-8 | 1000 ppm | Not Listed | Not Listed |
| Glycol Ether EB 111-76-2 | 20 ppm | Not Listed | Not Listed |
| Ethanol 64-17-5 | 1000 ppm | Not Listed | Not Listed |
| Methyl Alcohol 67-56-1 | 200 ppm | 250 ppm | Not Listed |

3. HAZARDS IDENTIFICATION

Emergency Overview:

Keep away from heat, sparks and flame. This material is a skin irritant. Content under pressure. Possible redness and defatting may result from prolonged skin exposure to this material. Ingestion of this product may cause gastrointestinal distress with symptoms of nausea, vomiting, diarrhea and abdominal pain. Gross inhalation overexposure may cause: respiratory track irritation, kidney damage, blood, liver damage, lung damage and central nervous system depression. Causes moderate eye irritation. Causes respiratory irritation.

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HMIS Classification: Health: *2 Flammability: 4 Physical Hazard: 2
NFPA Rating: Health: 3 Flammability: 4 Reactivity: 0

4. FIRST AID MEASURES

Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
Ingestion: Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention. Induce vomiting immediately as directed by medical personnel. If vomiting occurs, keep head lower than hips to prevent aspiration.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Skin Contact: Remove contaminated clothing and shoes, and launder before reuse. If irritation persists or signs of toxicity occur, seek medical attention. Wash with soap and water for 15 minutes.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point °F(°C): -200 F (Propellant)
Flash Point Method: TAG Closed Cup
Flammable Limits in Air - Lower (%): 1.1%
Flammable Limits in Air - Upper (%): Not Determined
Autoignition Temperature °F(°C): 460 F (Lowest Component)
Extinguishing Media: Carbon dioxide. Dry chemical. Foam. Use water spray to keep containers cool that are exposed to heat or flames.

Protection Of Fire-Fighters:

Special Fire-Fighting Procedures: Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Vapor may cause flash fire.
Hazardous Combustion Products: Carbon Dioxide. Carbon Monoxide.
Aerosol Comments: NFPA Level 1 Aerosol

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing and equipment to prevent skin and eye contact.
Spill Procedures: Contain any liquid from leaking containers. Avoid all sources of ignition; heat, sparks and open flames.
Action to be taken if material is released or spilled: Wear proper protective equipment as specified in the protective equipment section. Remove sources of ignition. Leaking containers should be removed to an isolated, well-ventilated area and transferred to other suitable containers. Do not puncture or incinerate container. Contents under pressure. Wipe, scrape, or soak up in an inert material and put in a container intended for flammable materials for disposal.
Environmental Precautions: Do not allow to enter sanitary drains, sewer or surface and subsurface waters. Keep out of lakes, ponds or streams.

7. HANDLING AND STORAGE

Handling and Storage: Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Avoid contact with skin and eyes. Use only in a well ventilated area. Caution: Contents under pressure. Keep away from heat and open flame. Do not puncture, incinerate or store above 120 F. Exposure to high temperatures may cause bursting. DO NOT store in the passenger compartment of an automobile.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Use in a well ventilated area.
Eyes: Chemical goggles; also wear a face shield if splashing hazard exists.
Skin Protection: Avoid skin contact. Wear protective clothing and gloves.
Respiratory Protection: Use in a well ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure. Do not breath mist or vapor.

9. PHYSICAL AND CHEMICAL PROPERTIES

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless to light yellow liquid
 Odor: SLIGHT ALCOHOL
 pH Value: 9.0
 Vapor Pressure: Not Determined
 Vapor Density (Air=1): Not Determined
 Boiling Point (°F): Not Determined
 Melting/Freezing Point: Not Determined.
 Solubility in Water: Solubility in Water:
 Bulk Density at 20°C: Not Determined
 Molecular Weight: Mixture
 Specific Gravity (H2O=1): .98 @ 60 F (liquid)
 Viscosity: Not Determined.
 Evaporation Rate: Not Determined
 VOC Content(%): Not determined.
 Decomposition Temperature: Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE.
Conditions to Avoid: Keep away from heat, sparks and flame. Avoid any source of ignition. Do not expose to heat or store at temperatures above 120 F.
Materials to Avoid: Contact with oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide. Oxides of nitrogen.
Hazardous Polymerization: WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION

Toxicological Data:

| Component | Route | Species | Dose |
|-----------------------------|------------|---------|--------------------------------|
| Propane 74-98-6 | NA | NA | Not known. |
| Butane 106-97-8 | NA | NA | LC50 658 gm/m ³ /4H |
| Glycol Ether EB 111-76-2 | Inhalation | Rats | LC50 450 ppm/4H |
| Ethanol 64-17-5 | Inhalation | Rats | Not known. |
| Methyl Alcohol 67-56-1 | Inhalation | Rats | LC50 64,000 ppm |

Carcinogenicity:

| Component | IARC | NTP | OSHA |
|-----------------------------|------------|------------|------------|
| Propane 74-98-6 | Not Listed | Not Listed | Not Listed |
| Butane 106-97-8 | Not Listed | Not Listed | Not Listed |
| Glycol Ether EB 111-76-2 | Not Listed | Not Listed | Not Listed |
| Ethanol 64-17-5 | Not Listed | Not Listed | Not Listed |
| Methyl Alcohol 67-56-1 | Not Listed | Not Listed | Not Listed |

12. ECOLOGICAL INFORMATION

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12. ECOLOGICAL INFORMATION

Remarks: Ecological testing has not been conducted on this product.

13. DISPOSAL CONSIDERATION

Waste Classification: Not determined.
Waste Management: Not determined.
Disposal Method: Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. DOT:
Proper Shipping Name: ORM-D CONSUMER COMMODITY
Hazard Class: ORM-D
UN/NA Number: Not Applicable
DOT Packing Group: Not Applicable

IMDG:
Proper Shipping Name: Aerosols (Limited Quantity)
Hazard Class: 2.1
Hazard Subclass: Not determined.
UN No.: UN1950
Packing Group: PG II
Marine Pollutant: No

15. REGULATORY INFORMATION

US Federal Regulations:

| Component | SARA 313 | SARA 302 | TPQ | RQ |
|-----------------------------|------------|------------|------------|------------|
| Propane 74-98-6 | Not Listed | Not Listed | Not Listed | Not Listed |
| Butane 106-97-8 | Not Listed | Not Listed | Not Listed | Not Listed |
| Glycol Ether EB 111-76-2 | Listed. | Not Listed | Not Listed | Not Listed |
| Ethanol 64-17-5 | Not Listed | Not Listed | Not Listed | Not Listed |
| Methyl Alcohol 67-56-1 | Listed. | Not Listed | Not Listed | Not Listed |

US OSHA HEALTH CLASSIFICATION: Hazardous per OSHA 29 CFR 1910.1200
SARA 311/312 Hazard Categories: Not Determined.

State Regulations:

| Component | California Prop. 65 Cancer list | California - Prop 65 Developmental Toxicity | California Prop. 65 Reproductive Female | California Prop. 65 Reproductive Male |
|-----------------------------|------------------------------------|--|--|--|
| Propane 74-98-6 | Not Listed | Not Listed | Not Listed | Not Listed |
| Butane 106-97-8 | Not Listed | Not Listed | Not Listed | Not Listed |
| Glycol Ether EB 111-76-2 | Not Listed | Not Listed | Not Listed | Not Listed |
| Ethanol 64-17-5 | Not Listed | Not Listed | Not Listed | Not Listed |
| Methyl Alcohol 67-56-1 | Not Listed | Not Listed | Not Listed | Not Listed |

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| Component | New Jersey Right-to-Know List: |
|-----------------------------|--|
| Propane 74-98-6 | Substance no. 2422 Substance no. 2423 Substance no. 2425 Substance no. 2426 Substance no. 2427 Substance no. 2428 Substance no. 2429 Substance no. 2430 Substance no. 1594 |
| Butane 106-97-8 | Substance no. 0273 Substance no. 2422 Substance no. 2423 Substance no. 2425 Substance no. 2426 Substance no. 2427 Substance no. 2428 Substance no. 2429 Substance no. 2430 |
| Glycol Ether EB 111-76-2 | Substance no. 0275 Substance no. 2265 |
| Ethanol 64-17-5 | Substance no. 0844 |
| Methyl Alcohol 67-56-1 | Substance no. 2079 Substance no. 2422 Substance no. 2423 Substance no. 2425 Substance no. 2426 Substance no. 2427 Substance no. 2428 Substance no. 2429 Substance no. 2430 Substance no. 1222 |

U.S. TSCA: The components of this product are listed on the TSCA Inventory.
Canadian Inventory: The components of this product are listed on the Canadian DSL or NDSL Inventory.

16. OTHER INFORMATION

General Notes: Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.
Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.