# **Sprayway**®

# **MATERIAL SAFETY DATA SHEET**

# 1. Product and Company Identification

Product number SW050-005

Material name GLASS CLEANER

Company information Sprayway, Inc.

SPRAYWAY INC 1005 S Westgate Dr

Company phone ADDISON, IL 60101 United States

**Emergency telephone US** 

Emergency telephone outside

1-952-852-4646

US

Version # 01

Supersedes date 07-12-2013

#### 2. Hazards Identification

Emergency overview WARNING

CONTENTS UNDER PRESSURE.

Aerosol. Pressurized container may explode when exposed to heat or flame.

Prolonged exposure may cause chronic effects. May be ignited by heat, sparks or flames. This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

**OSHA** regulatory status

Potential health effects

Routes of exposure

Inhalation. Ingestion. Skin contact.

Eyes Contact with eyes may cause irrita

Contact with eyes may cause irritation. Health injuries are not known or expected under normal

use.

**Skin** May be harmful if absorbed through skin. Frequent or prolonged contact may defat and dry the

skin, leading to discomfort and dermatitis.

**Inhalation** Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Prolonged

inhalation may be harmful.

**Ingestion** Exposure by ingestion of an aerosol is unlikely. Components of the product may be absorbed into

the body by ingestion.

Target organs Respiratory system.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged and may cause blood damage. These effects have not been observed in humans.

Chronic effects Unconsciousness. Edema. Jaundice. Cyanosis (blue tissue condition, nails, lips, and/or skin). May

be harmful if absorbed through skin. Liver injury may occur. Pregnant women or women of

1/9

child-bearing age should not be exposed to this product.

Signs and symptoms Unconsciousness. Cyanosis (blue tissue condition, nails, lips, and/or skin). Liver enlargement.

Jaundice. Skin irritation. Defatting of the skin. Rash.

### 3. Composition / Information on Ingredients

| Components                               | CAS#     | Percent  |
|--|----------|----------|
| 2-Butoxyethanol                          | 111-76-2 | 2.5 - 10 |
| Ethyl Alcohol                            | 64-17-5  | 2.5 - 10 |
| Butane                                   | 106-97-8 | 1 - 2.5  |
| Propane                                  | 74-98-6  | 1 - 2.5  |
| Other components below reportable levels |          | 90 - 100 |

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#### 4. First Aid Measures

First aid procedures

**Eve contact** Immediately flush eves with plenty of water for at least 15 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

Get medical attention if irritation develops and persists.

Skin contact Immediately take off all contaminated clothing. Immediately flush skin with plenty of water. Get

medical attention if irritation develops and persists. For minor skin contact, avoid spreading

material on unaffected skin. Wash clothing separately before reuse.

Inhalation Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if

victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician if symptoms

develop or persist.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth Ingestion

thoroughly. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped

with a one-way valve or other proper respiratory medical device.

Notes to physician In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation.

Symptoms may be delayed.

General advice Ensure that medical personnel are aware of the material(s) involved, and take precautions to

of breath, give oxygen. Keep victim warm. Keep victim under observation.

protect themselves. IF exposed or concerned: Get medical advice/attention. In case of shortness

5. Fire Fighting Measures

Flammable properties Flammable by OSHA criteria. Vapor or gas may spread to distant ignition sources and flash back.

Heat may cause the containers to explode. Runoff to sewer may cause fire or explosion hazard.

Extinguishing media

Suitable extinguishing

media

Water.

Unsuitable extinguishing

media

Do not use a solid water stream as it may scatter and spread fire.

**Protection of firefighters** 

Specific hazards arising

from the chemical

Protective equipment and precautions for firefighters Fire may produce irritating, corrosive and/or toxic gases.

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective

clothing will only provide limited protection.

Fire fighting

equipment/instructions

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

Personal precautions Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of

> low areas. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. For personal protection, see section 8 of

the MSDS.

**Environmental precautions** 

Do not contaminate water.

Methods for containment

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable.

Prevent entry into waterways, sewer, basements or confined areas.

Product name: Glass Cleaner MSDS US

#### Methods for cleaning up

Should not be released into the environment. Stop the flow of material, if this is without risk. Isolate area until gas has dispersed. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the MSDS.

# 7. Handling and Storage

Handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not get this material in contact with skin. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. Avoid prolonged exposure. Use only in area provided with appropriate exhaust ventilation.

**Storage** 

Store locked up. Contents under pressure. The pressure in sealed containers can increase under the influence of heat. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Keep away from food, drink and animal feedingstuffs. Store away from incompatible materials (see Section 10 of the MSDS). Level 1 Aerosol (NFPA 30B)

# 8. Exposure Controls / Personal Protection

#### Occupational exposure limits

| <b>ACGIH</b> | Biological | Exposure | Indices |
|--------------|------------|----------|---------|
| AUUIII       | Diviogical | LAPOSUIC | maices  |

| Components                              | Туре                       | Value      |  |
|---|----------------------------|------------|--|
| 2-Butoxyethanol (CAS<br>111-76-2)       | BEI                        | 200 mg/g   |  |
| <b>US. ACGIH Threshold Limit Values</b> | ;                          |            |  |
| Components                              | Туре                       | Value      |  |
| 2-Butoxyethanol (CAS<br>111-76-2)       | TWA                        | 20 ppm     |  |
| Ethyl Alcohol (CAS 64-17-5)             | STEL                       | 1000 ppm   |  |
| US. OSHA Table Z-1 Limits for Air       | Contaminants (29 CFR 1910. | 1000)      |  |
| Components                              | Туре                       | Value      |  |
| 2-Butoxyethanol (CAS<br>111-76-2)       | PEL                        | 240 mg/m3  |  |
|   |                            | 50 ppm     |  |
| Ethyl Alcohol (CAS 64-17-5)             | PEL                        | 1900 mg/m3 |  |
|   |                            | 1000 ppm   |  |
| Propane (CAS 74-98-6)                   | PEL                        | 1800 mg/m3 |  |
|   |                            | 1000 ppm   |  |

# **Engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Personal protective equipment

Eye / face protection Face-shield.

Skin protection Wear chemical protective equipment that is specifically recommended by the manufacturer.

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an

air-supplied respirator.

General hygiene considerations

When using do not smoke. Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

# 9. Physical & Chemical Properties

Appearance Clear.

Auto-ignition temperature Not available.

**Boiling point** 212 °F (100 °C) estimated

Product name: Glass Cleaner MSDS US

Color Colorless. Flammability limits in air, Not available.

upper, % by volume

Flammability limits in air,

Not available.

lower, % by volume

-156.00 °F (-104.44 °C) Propellant estimated Flash point

**Form** Aerosol. Odor Butyl

**Odor threshold** Not available.

рΗ 9.5 - 10.5 estimated

Physical state Gas.

Solubility (water) Not available.

0.961 estimated estimated **Specific gravity** 70 - 90 psig @ 70F estimated Vapor pressure

Other data

**Heat of combustion** 3.17 kJ/g estimated

# 10. Chemical Stability & Reactivity Information

**Chemical stability** Material is stable under normal conditions.

Conditions to avoid Heat, flames and sparks. Avoid temperatures exceeding the flash point.

**Hazardous decomposition** 

products

No hazardous decomposition products are known.

Possibility of hazardous

reactions

Hazardous polymerization does not occur.

# 11. Toxicological Information

| Toxicological data       |            |                                      |
|--------------------------|------------|--------------------------------------|
| Product                  | Species    | Test Results                         |
| Gleme Glass Cleaner (CAS | Mixture)   |                                      |
| Acute                    |            |                                      |
| Dermal                   |            |                                      |
| LD50                     | Rabbit     | 13586.2803 mg/kg, estimated          |
|                          | Rat        | 7571 mg/kg                           |
| Inhalation               |            |                                      |
| LC50                     | Mouse      | 40423.0625 mg/l, 2 Hours, estimated  |
|                          |            | 24176.2793 mg/l, 7 Hours, estimated  |
|                          |            | 1313.3534 mg/l, 4 Hours, estimated   |
|                          | Rat        | 79173.25 mg/l, 15 Minutes, estimated |
|                          |            | 11122.5186 mg/l, 4 Hours, estimated  |
|                          |            | 75 mg/l/4h                           |
| Oral                     |            |                                      |
| LD50                     | Dog        | 185.2165 g/kg, estimated             |
|                          | Guinea pig | 33.9778 g/kg, estimated              |
|                          | Mouse      | 41.445 g/kg, estimated               |
|                          | Rabbit     | 11.051 g/kg, estimated               |
|                          | Rat        |                                      |
|                          |            | 203.2327 g/kg, estimated             |
| Other                    |            |                                      |
| LD50                     | Mouse      | 12069.3428 mg/kg, estimated          |
|                          | Rabbit     | 9670.5117 mg/kg, estimated           |
|                          |            |                                      |

Product name: Glass Cleaner

| Product                      | Species    | Test Results                |
|------------------------------|------------|-----------------------------|
|                              | Rat        | 8031.8926 mg/kg, estimated  |
| Components                   | Species    | Test Results                |
| 2-Butoxyethanol (CAS 111-76- | -2)        |                             |
| Acute                        |            |                             |
| Dermal                       |            |                             |
| LD50                         | Rabbit     | 400 mg/kg                   |
| Inhalation                   |            |                             |
| LC50                         | Mouse      | 700 mg/l, 7 Hours           |
|                              | Rat        | 450 mg/l, 4 Hours           |
| Oral                         |            |                             |
| LD50                         | Guinea pig | 1.2 g/kg                    |
|                              | Mouse      | 1.2 g/kg                    |
|                              | Rabbit     | 0.32 g/kg                   |
|                              | Rat        | 560 mg/kg                   |
| Other                        |            | 3 3                         |
| LD50                         | Mouse      | 1130 mg/kg                  |
|                              | Rabbit     | 280 mg/kg                   |
|                              | Rat        | 340 mg/kg                   |
| Butane (CAS 106-97-8)        | rat        | 546 Hig/Ng                  |
| Acute                        |            |                             |
| Inhalation                   |            |                             |
| LC50                         | Mouse      | 680 mg/l, 2 Hours           |
|                              | Rat        | 658 mg/l, 4 Hours           |
| Ethyl Alcohol (CAS 64-17-5)  | rac        | ooo mg/i, i nodio           |
| Acute                        |            |                             |
| Inhalation                   |            |                             |
| LC50                         | Mouse      | 39 mg/l, 4 Hours            |
| 2000                         | Rat        | 20000 mg/l, 10 Hours        |
| Oral                         | rat        | 20000 mg/i, 10 Hours        |
| LD50                         | Dog        | 5.5 g/kg                    |
| 2000                         | Guinea pig | 5.6 g/kg                    |
|                              | • •        |                             |
|                              | Mouse      | 3450 mg/kg                  |
|                              | Rat        | 6.2 g/kg                    |
| Other                        |            |                             |
| LD50                         | Mouse      | 933 mg/kg                   |
|                              | Rat        | 1440 mg/kg                  |
| Propane (CAS 74-98-6)        |            |                             |
| Acute                        |            |                             |
| Inhalation                   | <b>D</b> . | 4440.04= "                  |
| LC50                         | Rat        | > 1442.847 mg/l, 15 Minutes |
|                              |            | 658 mg/l/4h                 |

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Sensitization Not expected to be hazardous by OSHA criteria.

Acute LD50: 7571 mg/kg, Rat, Dermal **Acute effects** 

Components of the product may be absorbed into the body through the skin. Blood disorder may occur after ingestion. Liver toxicity. **Local effects** 

Product name: Glass Cleaner

Chronic effects Hazardous by OSHA criteria. Prolonged inhalation may be harmful. May be harmful if absorbed

through skin.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and

prolonged. These effects have not been observed in humans.

Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood.

Prolonged exposure may cause chronic effects.

**Subchronic effects**Blood disorder may occur after prolonged inhalation. Blood disorder may occur after ingestion.

Blood disorder may occur after prolonged skin contact. Kidney injury may occur.

Carcinogenicity Hazardous by OSHA criteria. Risk of cancer cannot be excluded with prolonged exposure.

**ACGIH Carcinogens** 

2-Butoxyethanol (CAS 111-76-2)

A3 Confirmed animal carcinogen with unknown relevance to

humans

Ethyl Alcohol (CAS 64-17-5)

A3 Confirmed animal carcinogen with unknown relevance to

humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

2-Butoxyethanol (CAS 111-76-2) 3 Not classifiable as to carcinogenicity to humans.

**Skin corrosion/irritation** Not expected to be hazardous by OSHA criteria.

**Epidemiology** Hazardous by OSHA criteria.

MutagenicityNot expected to be hazardous by OSHA criteria.Neurological effectsNot expected to be hazardous by OSHA criteria.

**Reproductive effects** Can cause adverse reproductive effects - such as birth defects, miscarriages, or infertility.

**Teratogenicity** Not expected to be hazardous by OSHA criteria.

**Further information** Symptoms may be delayed.

# 12. Ecological Information

#### Ecotoxicological data

| Product                    |            | Species                               | Test Results              |
|----------------------------|------------|---------------------------------------|---------------------------|
| Gleme Glass Cleaner (CAS   | 6 Mixture) |                                       |                           |
| Algae                      | IC50       | Algae                                 | 11902 mg/L, 72 Hours      |
| Crustacea                  | EC50       | Daphnia                               | 26428 mg/L, 48 Hours      |
| Fish                       | LC50       | Fish                                  | 36327 mg/L, 96 Hours      |
| Components                 |            | Species                               | Test Results              |
| 2-Butoxyethanol (CAS 111-  | -76-2)     |                                       |                           |
| Aquatic                    |            |                                       |                           |
| Fish                       | LC50       | Inland silverside (Menidia beryllina) | 1250 mg/l, 96 hours       |
| Ethyl Alcohol (CAS 64-17-5 | 5)         |                                       |                           |
| Crustacea                  | EC50       | Daphnia                               | 11744.5 mg/L, 48 Hours    |
| Aquatic                    |            |                                       |                           |
| Crustacea                  | EC50       | Water flea (Daphnia magna)            | 7.7 - 11.2 mg/l, 48 hours |
| Fish                       | LC50       | Fathead minnow (Pimephales promela    | as) > 100 mg/l, 96 hours  |

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

**Ecotoxicity** LC50: 36327 mg/L, Fish, 96.00 Hours

EC50: 26428 mg/L, Daphnia, 48.00 Hours IC50: 11902 mg/L, Algae, 72.00 Hours

Components of this product have been identified as having potential environmental concerns.

**Environmental effects**An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and degradability Not available.

**Bioaccumulation / Accumulation** 

# Bioaccumulative potential

#### Octanol/water partition coefficient log Kow

2-Butoxyethanol 0.83
Butane 2.89
Ethyl Alcohol -0.31

Product name: Glass Cleaner MSDS US

#### Bioaccumulative potential

Octanol/water partition coefficient log Kow

Propane 2.36

**Partition coefficient** 

 2-Butoxyethanol
 0.83

 Butane
 2.89

 Ethyl Alcohol
 -0.31

 Propane
 2.36

#### 13. Disposal Considerations

Waste codes The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

**Disposal instructions**Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents

under pressure. Do not puncture, incinerate or crush. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water

supplies. Dispose in accordance with all applicable regulations.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Do not re-use empty containers.

# 14. Transport Information

#### DOT

Basic shipping requirements:

UN number UN1950
Proper shipping name Aerosols
Hazard class 2.1

Special precautions Read safety instructions, MSDS and emergency procedures before handling.

Additional information:

Special provisions 153, N82
Packaging exceptions LTD QTY
Packaging non bulk None
Packaging bulk None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2013, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/13 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

### IATA

UN number UN1950

UN proper shipping name Aerosols, flammable

Transport hazard class(es) 2.1 Labels required 2.1 ERG code 10l

Special precautions for user Read safety instructions, MSDS and emergency procedures before handling.

Packaging Exceptions LTD QTY

**IMDG** 

UN number UN1950 UN proper shipping name AEROSOLS

Transport hazard class(es) 2.1 Labels required None

Transport in bulk according Not applicable.

to Annex II of MARPOL 73/78 and the IBC Code

Packaging Exceptions LTD QTY

Product name: Glass Cleaner MSDS US



#### IATA; IMDG



# 15. Regulatory Information

**US federal regulations** 

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Not listed.

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Not regulated.

**DEA Exempt Chemical Mixtures Code Number** 

Not regulated.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

**CERCLA (Superfund) reportable quantity** 

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - Yes

Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No

Section 302 extremely hazardous substance

No

SARA 311/312 Hazardous

No

chemical

# **Inventory status**

| Country(s) or region | Inventory name   | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada               | Domestic Substances List (DSL)   | Yes                    |
| Canada               | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| Europe               | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe               | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                | Existing Chemicals List (ECL)  | No                     |

Product name: Glass Cleaner MSDS US

Country(s) or regionInventory nameOn inventory (yes/no)\*New ZealandNew Zealand InventoryNo

Philippines Philippine Inventory of Chemicals and Chemical Substances

(PICCS)

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

No

Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

#### State regulations

#### US - New Jersey RTK - Substances: Listed substance

2-Butoxyethanol (CAS 111-76-2) Listed.
Butane (CAS 106-97-8) Listed.
Ethyl Alcohol (CAS 64-17-5) Listed.
Propane (CAS 74-98-6) Listed.

### US. Pennsylvania RTK - Hazardous Substances

2-Butoxyethanol (CAS 111-76-2) Listed.
Butane (CAS 106-97-8) Listed.
Ethyl Alcohol (CAS 64-17-5) Listed.
Propane (CAS 74-98-6) Listed.

#### 16. Other Information

#### Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This data sheet contains changes from the previous version in section(s):

Product and Company Identification: Product Review Composition / Information on Ingredients: Ingredients

Fire Fighting Measures: Specific methods

Accidental Release Measures: Personal precautions Accidental Release Measures: Methods for cleaning up

Handling and Storage: Storage

Exposure Controls / Personal Protection: General hygiene considerations

Chemical Stability & Reactivity Information: Conditions to avoid

Disposal Considerations: Disposal instructions

Disposal Considerations: Waste from residues / unused products

Disposal Considerations: Contaminated packaging

Disposal Considerations: Waste codes

Product name: Glass Cleaner MSDS US