

MATERIAL SAFETY DATA SHEET

Product Name or Number(as it appears on the label)

GLISTEN Ready-to-Use Glass Cleaner

H. M. I. S.

1 HEALTH

2 FIRE

0 REACTIVITY

B MAXIMUM PERSONAL PROTECTION

HAZARD RATING

4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant

A=Goggles, B=Goggles & Gloves, C=Goggles, Gloves & Apron

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

Manufacturer's Name

Spectrum I Inc.

Address(No, Street, City, State & Zip Code)

618 West Flores

Tucson, AZ 85705

Material Safety Data Sheet ID # 541170

Date

June, 1999

Emergency Telephone No.

(800) 424-9300 Chemtec

Telephone No. for Information

(520) 791-7094

SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

| Hazardous Chemical Identity | CAS NO. | % | PEL | TLV | LD50 | LC50 |
|-----------------------------|-----------|--------|--------|--------|----------|-------|
| Water | 7732-18-5 | 60-100 | N. E. | N. E. | N. D. | N. D. |
| 2-Butoxyethanol | 111-76-2 | 4 | 25ppm | 25ppm | 1.48g/kg | N. D. |
| Isopropanol | 67-63-0 | 0.1-1 | 400ppm | 400ppm | 5.8g/kg | N. D. |
| Ammonium hydroxide | 1336-21-6 | 0.1-1 | N. E. | N. E. | 350mg/kg | N. D. |
| Nonionic surfactants | 9036-19-5 | 1-5 | N. E. | N. E. | N. D. | N. D. |

This mixture contains 4% 2-Butoxyethanol which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act 1986 and 40 CFR, Part 372.

SECTION 3 - PHYSICAL DATA

| | |
|-------------------------------------|-------------------------------|
| Color and Odor: Blue-Alcohol | Boiling Point: 212. F 100. C |
| Physical State: Liquid | Freezing Point: 32. F 0. C |
| Odor Threshold: N. A. | Water/Oil Distribution: N. A. |
| Vapor Pressure (mm HG): < 30 | pH: 9.4 - 10.0 (1% pH 7.1) |
| Vapor Density (Air=1) < 1.1 | Specific Gravity: .992 |
| Evaporation Rate (Water=0.3): < 0.4 | Solubility in Water: Complete |

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: 136. F (C. C.) Autoignition Temperature: N. A.
Flammable Limits: Combustible liquid. LEL: N. A. UEL: N. A.
Hazardous Combustion Products: N. A.
Extinguishing Media: Use media proper to the primary cause of fire.
Special Fire Fighting Procedures: Use proper protective equipment.
Unusual Fire And Explosion Hazards: Avoid sources of ignition.

SECTION 5 - REACTIVITY DATA

Chemical Stability: Yes X No ____
Incompatibility (Materials to Avoid): Strong oxidizers and sources of ignition.
Hazardous Decomposition of By-Products: None known
Hazardous Polymerization: May occur ____ Will not occur X

SECTION 6 - TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion, Inhalation, Skin, Eyes

Sensitization: Yes ☐ No ☒

Toxicologically Synergistic Products: None known

Medical Conditions Aggravated by Exposure: None known

Carcinogenicity: None

Teratogenicity: None

Mutagenicity: None

Reproductive Toxicity: None

EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):

Eyes: May cause irritation.

Skin: May cause mild irritation. May be absorbed through skin with prolonged or repeated contact.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.

Inhalation: Exposure in poorly ventilated area may irritate nasal mucous membranes.

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate room ventilation.

Protective Gloves: Rubber/Neoprene.

Protective Clothing and Equipment: As needed to prevent wetting of skin.

Storage Requirements: Store in cool, dry area away from sources of ignition. Empty container retains vapor and product residue; do not cut, puncture or weld on or near container.

Ventilation: Local Exhaust: Acceptable Mechanical: Recommended

Eye Protection: Safety glasses if splashing is likely.

Work and Hygienic Practices: Wash thoroughly after use.

Other Requirements: Keep out of the reach of children.

Steps to be taken if material is spilled or released: Collect and reuse if possible. Ventilate area and remove all sources of ignition. Collect on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

SECTION 8 - EMERGENCY FIRST AID PROCEDURES

FIRST AID - NOTES TO PHYSICIAN:

Eyes: Flush with a large amount of water for 15 minutes holding eyelids open.

Skin: Wash with mild soap and water.

Ingestion: Give 2-3 glasses of water. Seek medical attention.

Inhalation: Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.

Abbreviation Key: N. A. = Not Applicable, N. E. = Not Established,
N. D. = Not Determined