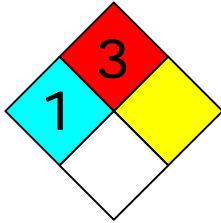



MATERIAL SAFETY DATA SHEET

PRODUCT: LSSDSM
Issue Date: 6/10/11

Revision Date:

Revision Number:

| | | | | | | | | | | | |
|--|---|---------------|---|-------------|---|-----------------|--|---------------------|--|--|-------------------------|
| NFPA  | HMIS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: cyan;">Health Hazard</td><td style="text-align: center;">1</td></tr> <tr><td style="background-color: red;">Fire Hazard</td><td style="text-align: center;">3</td></tr> <tr><td style="background-color: orange;">Physical Hazard</td><td></td></tr> <tr><td>Personal Protection</td><td></td></tr> </table> | Health Hazard | 1 | Fire Hazard | 3 | Physical Hazard | | Personal Protection | | PPE  | Transport Symbol |
| Health Hazard | 1 | | | | | | | | | | |
| Fire Hazard | 3 | | | | | | | | | | |
| Physical Hazard | | | | | | | | | | | |
| Personal Protection | | | | | | | | | | | |

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: LSSDSM Lens Cleaning Towelette Dispenser
Product Number(s): LSSDSM

Recommended Use: Lens cleaner. Instrument care. Water based cleaner.

Supplier Information:
MCR Safety
5321 E. Shelby Drive, Memphis, Tennessee, 38118 USA
Phone: 1-901-795-5810
Fax:
Contact:
Contact Phone:
Emergency Phone: Call INFOTRAK - 1-800-535-5053

2. HAZARDS IDENTIFICATION

Potential Health Effects

Principal Routes of Exposure Skin contact.

Acute Toxicity

- Eyes** Vapor may cause irritation.
- Skin** May be harmful in contact with skin. May cause irritation.
- Inhalation** May be harmful if inhaled. Avoid breathing vapors or mists. May cause irritation of respiratory tract. May cause central nervous system depression with nausea, headache, dizziness, vomiting and incoordination.
- Ingestion** May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects Avoid repeated exposure. Contains a known or suspected reproductive toxin.

Aggravated Medical Conditions Central nervous system. Preexisting eye disorders. Blood disorders. Kidney disorders. Liver disorders. Overexposure may cause female and male reproductive disorder(s). Skin disorders. Respiratory disorders.

Interactions w/ Other Chemicals Use of alcoholic beverages may enhance toxic effects.

Environmental Hazards See section 12

MATERIAL SAFETY DATA SHEET

PRODUCT: LSSDSM
Issue Date: 6/10/11

Revision Date:

Revision Number:

3. INGREDIENTS (wetting solution only)

| Chemical Name | CAS No. | % by Weight |
|-------------------------|------------|-------------|
| Water | 7732-18-5 | 75 - 90 |
| Isopropyl Alcohol | 67-63-0 | 10 - 25 |
| Benzyl Amonium Chloride | 68391-01-5 | <1 |
| Denatured Ethyl Alcohol | 64-17-5 | <0.5 |

4. FIRST AID MEASURES

| | |
|----------------------------|--|
| Eye Contact | Rinse Immediately with plenty of clean water, also under eyelids, for at least 15 minutes. Keep eyes wide open while rinsing. If symptoms persist, call a physician. |
| Skin Contact | Wash with soap and water. If irritation persists, or allergic reaction occurs, call a physician. |
| Inhalation | Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, call a physician. |
| Ingestion | DO NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician. |
| Notes to Physicians | Treat symptomatically. |

5. FIRE FIGHTING MEASURES

| | |
|---|---|
| Flammable Properties | Combustible material. |
| Flash Point (°F) – Closed Cup | 91° |
| Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Hazardous Byproducts of Combustion | Carbon oxides |
| Explosion Data | |
| Sensitivity to Mechanical Impact | Not sensitive |
| Sensitivity to Static Discharge | Yes |
| Protective Equipment | Wear self contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear. |
| Special Precautions | Solvent vapors may cause flashback |
| NFPA | Health Hazard: 1 Flammability: 3 Stability: 0 Physical & Chemical Hazards: |

6. ACCIDENTAL RELEASE & SPILL MEASURES

| | |
|-----------------------------|--|
| Personal Precautions | Use personal protective equipment. Avoid contact with skin and eyes. Remove all sources of ignition. |
| Containment Methods | Prevent further leakage or spillage if safe to do so. |
| Clean-up Methods | Use personal protective equipment. Soak up with absorbent material. Pick up and transfer to properly labeled containers. |

MATERIAL SAFETY DATA SHEET

PRODUCT: LSSDSM
Issue Date: 6/10/11

Revision Date:

Revision Number:

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and clothing. Wear personal protective equipment. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children.

Storage Keep container tightly closed. Keep away from open flames. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-------------------|--------------------------------|--|--|
| Isopropyl Alcohol | + 400 ppm STEL TWA: 200 ppm | TWA:400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 1225 mg/m ³ (vacated) STEL: 500 ppm | IDLH: 2000 ppm 10% LEL TWA:400 ppm TWA: 980 mg/m ³ STEL: 1225 mg/m ³ STEL: 500 ppm |

Engineering Measures Showers. Eyewash Stations. Ventilation Systems

Personal Protective Equipment

Eye & Face Protection No special equipment required
Skin & Body Protection Protective gloves
Respiratory Protection If exposure limits are exceeded or irritation is experienced. NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures When using, do not eat, drink or smoke. Remove and wash contaminated clothing before reuse. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

AppearanceWhite solid
OdorMild alcohol scent
Odor Threshold.....no information available
Physical StateSolid. Solid containing liquid. Moist paper.
pH7*
Flash Point (°F) – Closed Cup.....91°
Auto-ignition Temperature.....no information available
Decomposition Temperatureno information available
Boiling Pointno information available
Melting Pointno information available
Flammability Limits in Airno information available
Explosion Limitsno information available
Water Solubility.....no information available
SolubilitySoluble*
Evaporation Rateno information available
Vapor Pressureno information available
Vapor Density.....no information available
Specific Gravity (@20°C)......0.97*
VOC Content<20%*

* tested using liquid component of towelette

MATERIAL SAFETY DATA SHEET

PRODUCT: LSSDSM
Issue Date: 6/10/11

Revision Date:

Revision Number:

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions

Incompatible Products Strong oxidizing agents. Acids. Chlorinated compounds

Conditions to Avoid Heat. Flames. Sparks

Hazardous Byproducts of Decomposition Carbon Oxides

Hazardous Reactions Hazardous polymerization does not occur

Hazardous Polymerization Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

| Chemical Name | LD50 Oral | LD50 Dermal | LD50 Inhalation |
|-------------------|------------------|---|--------------------|
| Water | 90 mL/kg (Rat) | | |
| Isopropyl Alcohol | 4396 mg/kg (Rat) | 12800 mg/kg (Rat) 12870 mg/kg (Rabbit) | 72.6 mg/L (Rat) 4h |

Chronic Toxicity

Chronic Toxicity Avoid repeated exposure. Contains a known or suspected reproductive toxin.

Carcinogenicity

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---------------|-------|------|-----|------|
| none | | | | |

Target Organ Effects

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated. Ecotoxicity effects of component substances follows:

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|-------------------|--|---|----------------------------|----------------------------|
| Isopropyl Alcohol | EC50 > 1000mg/L 72h EC50 > 1000mg/L 96h | LC50=61200 mg/L Pimephales promelas 96h LC50=94900 mg/L Pimephales promelas 96h LC50=9640 mg/L Pimephales promelas 96h | EC50 > 35390 mg/L 5 min. | EC50 = 13299 mg/L 48h |

| Chemical Name | Log Pow |
|-------------------|-------------|
| Isopropyl Alcohol | =0.05 25A°C |

MATERIAL SAFETY DATA SHEET

PRODUCT: LSSDSM
Issue Date: 6/10/11

Revision Date:

Revision Number:

13. WASTE DISPOSAL

Waste Disposal Methods

This material as supplied is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Materials

Dispose of in accordance with local regulations.

This product contains one or more substances that are listed with the State of California as a hazardous waste:

| Chemical Name | California Hazardous Waste Status |
|-------------------|-----------------------------------|
| Isopropyl Alcohol | Toxic. Ignitable. |

14. TRANSPORTATION

- DOT not regulated
- TDG not regulated
- MEX not regulated
- ICAO not regulated
- IATA not regulated
- IMDG/IMO not regulated
- RID not regulated
- ADR not regulated
- ADN not regulated

15. REGULATORY INFORMATION

International Inventories

- TSC Complies
- DSL Does not comply
- EINECS/ELINCS Does not comply
- ENCS Does not comply
- IECSC Does not comply
- KECL Does not comply
- PICCS Does not comply
- AICS Does not comply

MATERIAL SAFETY DATA SHEET

PRODUCT: LSSDSM
Issue Date: 6/10/11

Revision Date:

Revision Number:

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains the following chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, part 372.

| Chemical Name | CAS No. | % by Weight | SARA 313 - Threshold Values % |
|-------------------|---------|-------------|----------------------------------|
| Isopropyl Alcohol | 67-63-0 | 10-30 | 1.0 |

SARA 313 / 312 Hazard Categories

| | |
|--------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | Yes |
| Fire Hazard | No |
| Sudden Pressure Release Hazard | No |
| Reactive Hazard | No |

Clean Water Act

This Product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Isopropyl Alcohol | | | | X |

Clean Air Act, Sec. 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPs) under Sec. 112 of the Clean Air Act.

| Chemical Name | CAS No. | % by Weight | HAPs Data | VOC Chemicals | Class 1 Ozone Depletors | Class 2 Ozone Depletors |
|---------------|---------|-------------|-----------|---------------|-------------------------|-------------------------|
| none | | | | | | |

CERCLA

This material as supplied does not contain any substances regulated as hazardous substances under the Comprehensive Environmental response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name | MA | NJ | PA | IL | RI |
|-------------------|----|----|----|----|----|
| Isopropyl Alcohol | X | X | X | | X |

International Regulations

Mexico – Grade

Moderate risk – Grade 2

| Chemical Name | Carcinogen Status | Exposure Limits |
|-------------------|-------------------|--|
| Isopropyl Alcohol | | Mexico: TWA=26ppm Mexico: TWA=120 mg/m ³ Mexico: STEL=360 mg/m ³ Mexico: STEL=75ppm |

MATERIAL SAFETY DATA SHEET

PRODUCT: LSSDSM

Issue Date: 6/10/11

Revision Date:

Revision Number:

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR), and the MSDS contains all of the information required by the CPR.

WHMIS Hazard Class

B3 Combustible Liquid

D2B Toxic materials



| Chemical Name | National Pollutant Release Inventory |
|-------------------|--------------------------------------|
| Isopropyl Alcohol | X |

16. OTHER INFORMATION

Date of Issue 10 June 2011

Revision date

Revision Note

Hazards and Emergency Overview

Combustible material.
May be harmful or fatal if swallowed, inhaled or absorbed through skin.
Irritating to eyes.
Vapors may be irritating to eyes, nose, throat and lungs.
May cause central nervous system depression.
May cause adverse kidney effects.
May cause adverse liver effects
Contains a known or suspected reproductive toxin.

Disclaimer

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, release and disposal, and is not to be considered as a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text of this MSDS.

* * * END OF MATERIAL SAFETY DATA SHEET * * *