

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HMIS®

HEALTH

2

REACTIVITY

0

FLAMMABILITY

1

PERSONAL PROTECTION

B

Identity (As Used on Label and List)

33320 Anti-Static/Anti-Soil Glass & Utility Cleaner & Coating

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I

Manufacturer's Name

ITW Dymon

Emergency Telephone Number

1-800-535-5053

Address (Number, Street, City, State, and ZIP Code)

805 East Old 56 Highway

Telephone Number for Information

1-913- 397-9889

Olathe, Kansas 66061

Date Prepared

April 3, 2000

Signature of Preparer (Optional)

Regulatory Dept.

SECTION II - Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity, Common Name(s)) | CAS No. | OSHA PEL | ACGIH-TLV | Other Limits Recommended | %(Opt.) |
|---|----------|---------------|--------------|--------------------------|-------------|
| Isopropanol | 67-63-0 | 400 ppm | 400 ppm | 500 ppm-STEL | 5 - 10 % |
| *2-Butoxyethanol | 111-76-2 | 50 ppm (skin) | 25 ppm(skin) | | 0.5 - 2.0 % |
| Propane | 74-98-6 | 1000 ppm | Asphyxiant | | 0.5 - 1.5 % |
| Isobutane | 75-28-5 | 800 ppm | 800 ppm | | 1 - 5 % |

* This product contains 2-Butoxyethanol (a glycol ether compound) which is listed and may require reporting under SARA Title III Sec. 313 if used over the threshold reporting quantity. This information must be included in all MSDSs that are copied and distributed for this material.

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION III Physical/Chemical Characteristics

| | | | |
|------------------------------|----------------------|--|---------|
| Boiling Point Concentrate | 180° F | Specific Gravity (H ₂ O = 1) Concentrate | 0.987 |
| Pressure (psig. @ 70° F) | 60±5 | Melting Point | 30° F |
| Vapor Density (AIR = 1) | Greater than one (1) | Evaporation Rate (Butyl Acetate = 1) | No Data |
| Solubility in Water | Complete | pH | 9 ± 0.5 |

Appearance and Odor

Clear colorless liquid with a floral bouquet in an aerosol can.

SECTION IV - Fire and Explosion Hazard Data

| | | | |
|--|-----------------------------|----------------|----------------|
| USA Flame Projection Test (ASTM D-3065) 0", No flashback; Not flammable | Flammable Limits No Data | LEL No Data | UEL No Data |
|--|-----------------------------|----------------|----------------|

Extinguishing Media -

Water spray, dry chemical, foam, carbon dioxide.

Special Fire Fighting Procedures -

Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards -

Aerosol container (pressurized) may burst if heated over 120° F.

SECTION V - Reactivity Data

| | | | |
|------------------|-----------------|---|--|
| Stability | Unstable | | Conditions to Avoid - Extreme heat, direct sunlight |
| | Stable | X | |

Incompatibility (Materials to Avoid) - Strong oxidizers and alkalies, zinc, acetaldehyde, chlorine, ethylene oxide, hydrogen-palladium combination, hydrogen peroxide-sulfuric acid combination, potassium tert-butoxide, hypochlorous acid, isocyanates, nitrofoam, phosgene, oleum and perchloric acid.

Hazardous Decomposition or Byproducts -

Oxides of carbon, nitrogen oxides, various hydrocarbons.

| | | | |
|---------------------------------|-----------------------|---|---|
| Hazardous Polymerization | May Occur | | Conditions to Avoid - None known |
| | Will Not Occur | X | |

SECTION VI - Health Hazard Data

| | | | | |
|--------------------------|--------------|--------------------|--------------|-------------------|
| Route(s) of Entry | Eyes? | Inhalation? | Skin? | Ingestion? |
| | | | | |

Health Hazards (Acute and Chronic) - Warning. Causes eye irritation. May cause skin and respiratory tract irritation. May be absorbed through intact skin. May be harmful if swallowed. Central nervous system effects if inhaled at high vapor concentrations. Direct contact with eyes can cause burns on corneal, iris and conjunctival tissues. Direct skin contact may cause corrosive effects. Follow good chemical hygiene practices to avoid these hazards.

| | | | |
|-------------------------|-------------|-------------------------|------------------------|
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
| None known | No | No | No |

Signs and Symptoms of Exposure - Redness, tearing, burning of eyes. Redness, drying and cracking of skin. Drowsiness, loss of coordination, headache if over exposed to vapors. Nausea, diarrhea and gastrointestinal disturbances if ingested.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin and lung disorders may be adversely affected. Follow good chemical hygiene practices to avoid these hazards.

Emergency and First Aid Procedures: - **Eyes** - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate medical attention. **Ingestion** - Drink several glasses of water. Contact a physician or poison control center immediately. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Wash with soap and water. If irritation arises and persists consult a physician.

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled - Caution. Slip hazard. For large spills, isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up on absorbent material and put in suitable container for proper disposal.

Waste Disposal Method - Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes.

Precautions to be Taken in Handling and Storing - Do not get in eyes. Avoid contact with skin and clothing. Avoid inhaling mist or vapors. Do not swallow. Wash thoroughly after handling. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight. Direct spray away from face.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Replace cap when not in use. Do not use around ignition sources such as heat, sparks, open flame, welding arcs, static electricity, etc.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) - Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH/MSHA respirator.

| | | | | |
|--------------------|-----------------------------|---------------|----------------|------|
| Ventilation | Local Exhaust | Not necessary | Special | None |
| | Mechanical (General) | Acceptable | Other | None |

Protective Gloves -

Yes, impervious.

Eye Protection -

Yes, safety glasses or goggles (ANSI Z87)

Other Protective Clothing or Equipment -

As needed to avoid direct contact with skin and clothing (i.e. apron, boots).

Work/Hygienic Practices -

Normal. Wash thoroughly before eating, drinking, smoking, using restrooms, etc.

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE PROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.