Material Safety Data Sheet


SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Company Name, Address: Fuller Brush Commercial Products - One Fuller Way - Great Bend, KS 67530

Product Name: Ammoniated Glass Cleaner

Product Number: 9172

Chemical Family: Aqueous Blend of ammonia and solvents.

EPA Reg. No: N/A

Emergency Telephone No.: (620) 792-1711

Preparer: R McPherson

Date: 11/07/12

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview:

CONTENTS UNDER PRESSURE

Route(s) of entry:
- Inhalation: x
- Skin: x
- Eye: x
- Ingestion: 

No Health Hazard

Carcinogen

Inhalation: x

Skin: x

Eye: x

Ingestion: 

TARGET ORGANS
- Lungs: x
- Eyes: x
- Blood: x
- Heart: x
- Kidney: x
- Prostate: x
- Kidney: x
- Skin: x
- Liver: x
- Central Nervous System: x
- Teratogen: x
- Mucous Membranes: x
- Autonomic Nervous System: x
- Cardiovascular System: x
- Respiratory System: x

Potential Health Effects:
May cause redness and irritation of eye or skin. Central nervous system effects include headache or dizziness.

Medical Conditions Generally Aggravated by Exposure:
None Known

Carcinogenicity: None Known

NTP: x

IARC: 

OSHA Regulated: 

SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

Hazardous Components

<table>
<thead>
<tr>
<th>CAS#</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>400 ppm</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>1000 ppm</td>
<td>800 ppm</td>
</tr>
<tr>
<td>*Dipropylene glycol n-butyl ether</td>
<td>29911-28-2</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>*Water</td>
<td>7732-18-5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>*Ammonia</td>
<td>7664-41-7</td>
<td>50 ppm</td>
<td>25 ppm</td>
</tr>
</tbody>
</table>

SECTION 4 - FIRST AID MEASURES

Emergency and First Aid Procedures:
In case of eye or skin contact rinse thoroughly with water for 15 minutes. Call a physician if irritation persists.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point (Method): Liq.102F (TOC)

Flammable Limits: LEL: 1.8

UEL: 9.5

Autoignition Temperature:

NFPA Hazard Classification: FIRE: 2 Health: 1 Reactivity: 1

Extinguishing Media: CO2, Dry Chemical, Foam, ABC Extinguisher

Special Fire Fighting Procedures:
Keep aerosols cooled with water to prevent bursting.

Unusual Fire and Explosion Hazards:
- COMPRESSED GAS: Temperatures in excess of 130F may cause bursting. Liquid concentrate is flammable. Contents of ruptured cans contribute combustible materials in the event of fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:
Mop up, rinse with water
SECTION 7 - HANDLING AND STORAGE
NFPA "Level 1 Aerosol". Do not spray near heat, spark, or open flame. Store at 40 - 90°F. Read and follow label directions. Keep out of reach of children.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION
Engineering Controls: Local Exhaust: Special: Mechanical: Recommended
Respiratory Protection: Optional
Protective Gloves: Optional Eye Protection: Recommended
Other Protective Clothing and Equipment:
None Required

SECTION 9 - PHYSICAL AND CHEMICAL CHARACTERISTICS
No Physical Hazards x Compressed Gas Flammable Gas Flammable Liquid/Solid x Water Reactive
Combustible x Flammable Aerosol Pyrophoric Oxidizer
Compressed Gas Explosive Unstable - Reactive: x Organic Peroxide
Boiling Point, °F: Compressed Gas x Vapor Pressure: 42 psig @ Vapor Density: 2.0 Solubility in Water: Complete Specific Gravity (water =1): 0.9865 Evaporation Rate: >1 %Volatiles by Weight: 99 Appearance and Odor: Colorless, thin liquid/characteristic ammonia odor

SECTION 10 - STABILITY AND REACTIVITY
Stability: Unstable x Conditions to Avoid: N/A
Stable x Incompatibility: Do not mix with any other materials (Materials to Avoid)
Hazardous Decomposition: With extreme heat or fire, releases typical hydrocarbon decomposition by-products.
Hazardous Polymerization: May Occur: x Will Not Occur: x Conditions to Avoid: N/A

SECTION 11 - TOXICOLOGICAL INFORMATION
NE

SECTION 12 - ECOLOGICAL INFORMATION
NE

SECTION 13 - DISPOSAL CONSIDERATIONS
Do not puncture or incinerate. For single units, wrap in newspaper and dispose in trash container. Dispose of multiple units in accordance with Local, State and Federal Regulations.
Potential EPA Hazardous Waste Code(s): N/A

SECTION 14 - TRANSPORT INFORMATION
DOT Proper Shipping Name and Number: Limited Quantity

SECTION 15 - REGULATORY INFORMATION
Volatile Organic Comounds (VOC's) = 10% (calculated)

*Added to comply with the Pennsylvania Worker Right to Know Act and the New Jersey Worker and Community Right to Know Act.

SECTION 16 - OTHER INFORMATION
None

NE = Not Established N/A = Not Applicable