MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION
UNITED 352
Carpet Shampoo Concentrate

USE / DESCRIPTION
For Steam and Extractor Type Shampooers

REVISION DATE
July 21, 2005

FOR MEDICAL AND TRANSPORTATION EMERGENCIES:
INFOTRAC: 800-535-5053

HEALTH (0 = Maximum Safety)
Always follow Label Directions and Cautions.
4 Extreme. 3 High. 2 Moderate. 1 Slight. 0 Minimal.

REACTIVITY (0 = Maximum Safety)
Susceptible to Release of Energy.
4 May detonate-vacate area if Materials are exposed to fire.
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.
2 Violent chemical change possible-use hose stream from distance
1 Unstable if heated-use precaution.
0 Normally stable.

FLAMMABILITY (0 = Maximum Safety)
Susceptibility of Material to Burning.
4 Extremely flammable. 3 Ignites at normal temperature. 2 Ignites when moderately heated. 1 Must be preheated to burn. 0 Will not burn.

HAZARDOUS COMPONENTS
IDENTITY, EXPOSURE LIMITS AND S.A.R.A. TITLE III INFORMATION

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENTS</th>
<th>CAS NUMBER</th>
<th>ACGIH TWA</th>
<th>ACGIH STEL</th>
<th>OSHA PEL TWA</th>
<th>OTHER RECOMMENDED LIMITS</th>
<th>S.A.R.A. TITLE III QUANTITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol</td>
<td>34590-94-8</td>
<td>Skin: 100 ppm</td>
<td>Skin: 150 ppm</td>
<td>Skin: 100 ppm, Skin: 600 mg/m³</td>
<td>NIOSH TWA 100 ppm</td>
<td>None</td>
</tr>
<tr>
<td>monomethyl ether</td>
<td></td>
<td>Skin: 606 mg/m³</td>
<td>Skin: 909 mg/m³</td>
<td>Skin: 600 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium metasilicate</td>
<td>6834-92-0</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT
Approximately 212° F

SPECIFIC GRAVITY (H₂O = 1)
1.098

VAPOR PRESSURE (mm Hg.)
(At 77° F) Approximately 17.5 mm Hg

MELTING POINT
Not determined

VAPOR DENSITY (Air = 1)
Not determined

EVAPORATION RATE
(Water = 1) Approximately 1.0

SOLUBILITY IN WATER
Complete

VOLATILE ORGANIC COMPOUNDS (V.O.C.)
(Pounds Per Gallon Of Product) 0.586

APPEARANCE AND ODOR
Water-white liquid with slight ethereal odor

pH:
13 - 14

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)
None (Tag Closed Cup)

FLAMMABLE LIMITS
Not determined

LEL
Not determined

UEL
Not determined

EXTINGUISHING MEDIA
Water fog, water spray, dry chemical, CO₂, alcohol foam

SPECIAL FIRE FIGHTING PROCEDURES
Firefighters should wear full protective equipment and NIOSH-approved self-contained breathing apparatus. Use water spray or mist to cool fire-exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS
In the presence of fire, this product may react with aluminum, tin, zinc or other active metals to release flammable hydrogen gas.

PAGE (1)
STABILITY: STABLE X CONDITIONS TO AVOID
None known

INCOMPATIBILITY (Materials To Avoid) Do not mix this product with other cleaning chemicals, especially acids or strong oxidizers.
In the presence of fire, this product may react with aluminum, tin, zinc or other active metals to release flammable hydrogen gas.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS
When heated strongly, as in a fire, this product may produce carbon dioxide, carbon monoxide and oxides of phosphorous.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR X CONDITIONS TO AVOID
None known

HEALTH HAZARD DATA

EYES: May cause severe irritation, burns and destruction of tissue. May cause permanent damage and loss of vision.
SKIN: May cause irritation and burns upon prolonged contact. Dipropylene glycol monomethyl ether may be absorbed through intact skin.
INHALATION: May cause coughing and irritation of nose, throat and mucous membranes.

IF SWALLOWED: May cause serious damage to mouth, esophagus, stomach and other contacted tissue. May be fatal.

CARCINOGENICITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No
This product contains a chemical known to the state of California to cause cancer or reproductive toxicity?

SIGNS AND SYMPTOMS OF OVEREXPOSURE
EYES: Severe irritation, burns, vision loss SKIN: Irritation, burns INHALATION: Irritation of nose, throat, coughing

IF SWALLOWED: Damage to mouth, esophagus, stomach and other contacted tissues

TARGET ORGANS:
Skin, eyes, liver and other contacted tissues

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE
None known

EMERGENCY AND FIRST AID PROCEDURES
EYES: Flush with plenty of tepid water for at least 15 minutes. Hold eyelids open during flushing. Call a physician or poison control center immediately.
SKIN: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, call a physician or poison control center.
INHALATION: Remove patient to fresh air. Apply CPR if needed. If irritation persists, call a physician or poison control center.
IF SWALLOWED: Contains glycol ethers and strong alkalies. Drink cold water or milk to dilute the product. Never give anything by mouth to an unconscious person. Call physician or poison control center immediately.

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Wear appropriate protective equipment. Provide adequate ventilation. For small spills, flush up to one gallon of product with water to the nearest sewer to drain.

For larger spills, contain and collect on suitable sorbent. Place in corrosion resistant container for proper disposal.

WASTE DISPOSAL METHOD
Consult local, state, and federal authorities for proper disposal guidelines.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store containers tightly closed in a cool, dry, well-ventilated area. Store away from incompatible materials. Keep drum from hard freezing as this could rupture drum. Keep out of reach of children. Avoid contact with skin and eyes. Use with adequate ventilation. Avoid breathing mists.

CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type)
If TLV is exceeded, use NIOSH-approved self-contained breathing apparatus.

VENTILATION: MECHANICAL (General) LOCAL EXHAUST
Provide adequate ventilation Recommended for misting applications

PROTECTIVE GLOVES EYE PROTECTION
Chemical resistant gloves Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Chemical resistant protective clothing is recommended

WORK HYGENIC PRACTICES
Remove contaminated clothing immediately and wash with soap and water before reusing. Wash hands with soap and water after using this product.

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