June, 1997
1263a

FICATION AND EMERGENCY INFORMATION

PRODUCT (TRADE) NAME:

keyboard Kleen
keyboard Kleen Solvent

PRODUCT IDENTIFICATION NUMBER(S):

1263a

CHEMICAL NAME AND SYNONYMS:

Isopropyl Alcohol

CH₃CH(OH)CH₃

EMERGENCY TELEPHONE NUMBERS:

Read/Right: 1-800-327-1237
CHMTREC (Transportation): (800) 424-9300

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS#</th>
<th>%</th>
<th>OSHA PEL (ppm)</th>
<th>ACGIH TLV (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>91.0</td>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td>Deionized Water</td>
<td>7732-18-5</td>
<td>9.0</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARDS IDENTIFICATION

Isopropyl alcohol is a flammable liquid. Eye contact will cause local irritation and burning sensations with possible injury if not removed promptly. Repeated or prolonged contact with skin may produce irritation and cause dermatitis. Exposure above TLV may cause irritation of respiratory tract and eyes along with headaches, dizziness and CNS effects. May be harmful if swallowed.

Carcinogenicity (OSHA/WTP/IARC/ACGIH): Not Listed
Medical Conditions Aggravated by Exposure: Not Listed

SECTION 4: FIRST AID INFORMATION

EYE CONTACT: Flush with water for 15 minutes, including under eyelids. Get Medical help.
SKIN CONTACT: Flush with water.
INHALATION: Remove to fresh air. Keep at rest. Restore and/or support breathing as needed. Get prompt Medical attention.
INGESTION: Get prompt medical help. Keep victim at rest.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TCC): 56°F
FLAMMABLE LIMITS (% BY VOLUME): LEL: NA UEL: NA
AUTOIGNITION TEMPERATURE ⁰F (°C): NA

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or alcohol foam. Water may be used to cool containers exposed to the fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Liquid may release vapors which may ignite at or above flash point.

NFPA RATING: HEALTH (1) FLAMMABILITY (3) REACTIVITY (0)

Formulation is classified as an OSHA Class IB Flammable Liquid
NA = Not Available
SECTION 6: ACCIDENTAL RELEASE MEASURES
Ventilate area, especially low areas where vapors may collect. Remove all sources of ignition. Cleanup personnel need protection against liquid contact and vapor inhalation.

SECTION 7: HANDLING AND STORAGE
Store in a clean, cool, ventilated area away from sources of ignition and oxidizing agents. Handle and store in a manner suitable for an OSHA Class IIB Flammable Liquid. Electrical services must meet applicable codes. Use non-sparking tools.

SECTION 8: EXPOSURE CONTROL - PERSONAL PROTECTION
Provide ventilation to maintain TLV. Use non-sparking tools. Avoid inhalation of vapors, contact with eyes and repeated or prolonged contact with skin. Do not take internally.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point (°F/°C)</td>
<td>180(80)</td>
</tr>
<tr>
<td>Vapor Pressure (mmHg @ 25°C)</td>
<td>33</td>
</tr>
<tr>
<td>Vapor Density (AIR=1)</td>
<td>&gt;1</td>
</tr>
<tr>
<td>% Soluble in Water @ 25°C</td>
<td>100</td>
</tr>
<tr>
<td>Specific Gravity (g/cc@25°C)</td>
<td>0.81</td>
</tr>
<tr>
<td>% Volatile by Volume @ 25°C</td>
<td>100</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate=1)</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol</td>
</tr>
<tr>
<td>Appearance of Liquid</td>
<td>Clear</td>
</tr>
</tbody>
</table>

SECTION 10: STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur</td>
</tr>
<tr>
<td>Incompatibilities/Conditions to Avoid</td>
<td>Caustics, amines, alkanolamines, aldehydes, ammonia, strong oxidizing agents and chlorinated compounds.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Carbon monoxide</td>
</tr>
</tbody>
</table>

SECTION 11: TOXICOLOGICAL INFORMATION
Not Available

SECTION 12: ECOLOGICAL INFORMATION
Not Available

SECTION 13: DISPOSAL CONSIDERATIONS
Follow Federal, State and Local regulations.
SECTION 14: TRANSPORT INFORMATION

DOT CLASSIFICATION:
Proper Shipping Name: Consumer Commodity
Hazard Class: ORM-D
UN Number: Does not apply
Packing Group: Does not apply
Hazard Labeling: ORM-D, ORM-D-Air

IATA/ICAO CLASSIFICATION:
Proper Shipping Name: Consumer Commodity
Hazard Class: Class 9, Miscellaneous
UN Number: ID#8000
Packing Group: Does not apply
Hazard Labeling: Class 9, Miscellaneous

IMDG CLASSIFICATION:
Proper Shipping Name: Dangerous Goods in Limited Quantity of Class 3.2
Hazard Class: Class 3.2, Flammable Liquid
IMDG Page#: Does not apply
Packing Group: II
Flash Point (°C): 13
Marine Pollutant: Does not apply

SECTION 15: REGULATORY INFORMATION

SARA TITLE III REPORTING:
Toxic Chemical (Section 313):
Extremely Hazardous Substance Not listed
(Section 302, 304, 311, 312):
Hazard Class:
   Chronic Health: Yes
   Acute Health: Yes
   Fire Hazard: Yes
   Pressure Hazard: No
   Reactivity Hazard: No

TSCA INVENTORY STATUS:
Listed in the TSCA inventory

SECTION 16: OTHER INFORMATION

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