MATERIAL SAFETY DATA SHEET

I - IDENTIFICATION

PRODUCT NAME: Nozzle Kleen Arctic Kool  
PRODUCT CODE: 007025,7026,7027,7028  
REVISION DATE: 6/15/2004

II - PRODUCT AND COMPONENT DATA

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS REGISTRY NO.</th>
<th>%</th>
<th>ACGIH TLV - TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dihydrogen Oxide (water)</td>
<td>007732 - 18 - 5</td>
<td>&gt;80%</td>
<td>None Known</td>
</tr>
<tr>
<td>Polymeric Glycol</td>
<td>Proprietary</td>
<td>&lt;20%</td>
<td>None Known</td>
</tr>
<tr>
<td>Aramine Blue A1001</td>
<td>2861-02-1</td>
<td>Trace</td>
<td>None Known</td>
</tr>
</tbody>
</table>

III - PHYSICAL DATA

APPEARANCE AND COLOR: blue, no appreciable odor
BOILING POINT: 212°F
VAPOR PRESSURE: 17.5 mm Hg @ 20°C (water)
EVAPORATION RATE: 1 mg/l (water)
MELTING POINT: Not Applicable
MATERIAL IS: Liquid

STABILITY: Stable
HAZARDOUS DECOMPOSITION PRODUCTS: None
CONDITIONS TO AVOID: None

SPECIFIC GRAVITY: 1.0
VAPOR DENSITY IN AIR: 17.3 GM-3 (water)
% VOLATILE BY VOLUME: Not Applicable
SOLUBILITY: 100% in water @ 25°C
% SOLID: Not Applicable

IV - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Oxidizers, alkalies, acids
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: None

V - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): Not Applicable
EXTINGUISHING AGENTS: Water, foam, dry chemical
Carbon dioxide (CO2)
UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

FLAMMABLE LIMITS IN AIR: Not Applicable

VI - TOXICITY AND FIRST AID

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known
ACUTE TOXICITY:
INHALATION - None Known
SKIN: None Known
EYES: Eye irritant (modified fatty alkanolamide)
INGESTION: May cause nausea (modified fatty alkanolamide)
CHRONIC TOXICITY: None Known
FIRST AID:
INHALATION: Not Applicable
SKIN: Flush with large quantities of water.
EYE: Flush eyes immediately with water.
INGESTION: Give large quantities of water.
NOTE TO PHYSICIAN: None

VII - PERSONAL PROTECTION AND CONTROLS

RESPIRATORY PROTECTION: No special requirements.
VENTILATION: No special requirements.
SKIN PROTECTION: Protective gloves, apron
EYE PROTECTION: Wear safety glasses or splash goggles.
OTHER CONTROL MEASURES: Safety shower and eyewash station should be available.
VIII - SPECIAL PRECAUTIONS ADDITIONAL INFORMATION

None

IX - SPILL, LEAK AND DISPOSAL PRACTICES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb with an inert ingredient such as sand, earth or vermiculite and dispose of in accordance with federal, state and local regulations.

WASTE DISPOSAL METHOD: Consult with federal, state or local authorities for approved procedures.

X - NFPA RATING

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FIRE</th>
<th>REACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO RATING</td>
<td>Water</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Modified fatty alkanolamide</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1</th>
<th>1</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE-2 coating blue</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This sheet was compiled from the latest available information and reliable sources. Procedures are based on accepted usage. They are not necessarily all-inclusive and may vary in every circumstance. Weld-Aid provides no warranties either expressed or implied and assumes no responsibility for the accuracy or completeness of the data herein.

MSDS - Nozzle Kleen Arctic Kool