IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information onto employees, customers and users of this product.

24 HOUR EMERGENCY TELEPHONE NUMBER: INFOTRAC 1-800-535-5053

SECTION I - GENERAL INFORMATION
PRODUCT NAME: 1089 BLUE OIL RESISTENT
PANNIER P/N I1089-3111
HMIS CODES: H 2 F 3 R 0 P N/A

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS
<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENTS</th>
<th>OCCUPATIONAL EXPOSURE LIMITS</th>
<th>VAPOR PRESSURE</th>
<th>WEIGHT PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denatured ethyl alcohol</td>
<td>64-17-5</td>
<td>1000 PPM</td>
<td>N/A</td>
</tr>
<tr>
<td>Propylene glycol monoethyl ether</td>
<td>107-98-2</td>
<td>100 PPM</td>
<td>N/A</td>
</tr>
<tr>
<td>*Diethylene glycol monobutyl ether</td>
<td>112-34-5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Indicates toxic chemicals(s) subject to the reporting requirements of SECTION 313 of Title III and of 40 CFR 372 are present.***

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS
BOILING RANGE: 165 to 446º F
SPECIFIC GRAVITY (H2O = 1): 1.13
VAPOR DENSITY: heavier than air
EVAPORATION RATE: slower than ether
MATERIAL V. O. C.: 4.58 LB/GL (549 G/L)
SOLUBILITY IN WATER: insoluble
APPEARANCE AND ODOR: thin colored liquid, alcoholic

SECTION IV – FIRE AND EXPLOSION HAZARD DATA
FLASH POINT: 54º F
METHOD USED: closed cup
FLAMMABLE LIMITS IN AIR BY VOLUME
LOWER: 0.9%
UPPER: 19.0%
EXTINGUISHING MEDIA: alcohol foam, CO2, dry chemical, water fog
SPECIAL FIREFIGHTING PROCEDURES
Water spray may be ineffective, water may be used to cool closed containers to prevent explosion when exposed to extreme heat. Full protective equipment may be needed to protect firefighters from hazardous combustion products.
UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode or collapse when exposed to extreme heat. During emergency conditions, overexposure to decomposition products may cause a health hazard.

SECTION V – REACTIVITY DATA
STABILITY: stable
CONDITIONS TO AVOID: heat, sparks and open flame.
INCOMPATIBILITY (MATERIALS TO AVOID): contact with strong acids, alkalis or oxidizers
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: may produce carbon monoxide, carbon dioxide, oxides of nitrogen and other hazardous decomposition products.

HAZARDOUS POLYMERIZATION: will not occur

SECTION VI – HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE moderate irritation of nose and throat, dizziness, headache and nausea.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE prolonged or repeated contact may dry and irritate skin.

EYE CONTACT: moderately irritating.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE dermatitis may result from repeated contact.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE can cause nausea, vomiting and narcosis.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: moderate irritation to eyes, throat and skin. Ingestion of high concentrations may cause injury.

CHRONIC: repeated excessive exposures may cause lung, liver and kidney effects.


MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Respiratory irritation, dermititis and nausea.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: remove to fresh air, restore breathing. Treat symptoms, consult a physician.

EYES: flush immediately with water for 15 minutes, see a physician.

SKIN: wash with soap and water, removed contaminated clothing, consult a physician if irritation persists.

INGESTION: drink water to dilute, do not induce vomiting, consult a physician or poison control center immediately.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all sources of vapor ignition. Ventilate area. Avoid breathing vapors. Remove by suitable inert absorbing material.

WASTE DISPOSAL METHOD

Incineration is preferred, in compliance with local, state and federal regulations. Refer to msds caution information before attempting cleanup.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed when not in use, and keep away from heat, sparks and open flame. Avoid excessive inhalation of vapor or mist.

OTHER PRECAUTIONS

In accordance with good industrial practice, handle with care and avoid unnecessary contact. Use only with adequate ventilation. Wash thoroughly after handling. For industrial use only.

HMIS personal protective equipment is dependent upon conditions of use.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION

When used with adequate ventilation, none normally required. However, when required, its use must be in compliance with all OSHA health and fit testing requirements as given in 29CRF 1910.134.

VENTILATION

Sufficient volume and pattern should be provided to keep air contaminant concentrations below current ACGIH TLV limits.

PROTECTIVE GLOVES

Recommended for prolonged or repeated contact. Use rubber or plastic.
EYE PROTECTION
Safety eyewear is recommended and should be available to avoid accidental contact.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Use protective cream when skin contact is likely.
WORK/HYGIENIC PRACTICES
Wash hands before eating, drinking or smoking. Avoid smoking in work area.

SECTION IX – DISCLAIMER
DISCLAIMER OF LIABILITY
THE INFORMATION IN THIS MSDS WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS ACCURACY OR CORRECTNESS. THE CONDITIONS OR METHODS OF HANDLING, STORAGE, USE AND DISPOSAL OF THE PRODUCT ARE BEYOND OUR CONTROL AND MAY BE BEYOND OUR KNOWLEDGE. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.