SAFETY DATA SHEET (GHS)

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product / Chemical Name:
BLUE BEAR® 360AR Asphalt Release

Other Means Of Identification:
Soy based asphalt, hot mix release from metal surfaces

Recommended Use Of The Product / Chemical And Restrictions On Use:
Application to truck beds for the release of asphalt based hot mixes

Manufacturer / Company Information:
Franmar Chemical, Inc.
10282 E. 1400 North Rd.
Bloomington, IL 61705
1-800-538-5069 / 1-309-828-2900

For Chemical Emergency - Spill, Leak, Fire, Exposure, or Accident Call:
CHEMTEREC Day or Night: Within USA and Canada: 1-800-424-9300
CCN717946 or +1 703-527-3887 (collect calls accepted)

Section 2: HAZARD IDENTIFICATION

Classification Of Product / Chemical Mixture And Any National or Regional Information:
None Known

Warning

GHS Hazard Statements:
(H316) Causes mild skin irritation.
(H320) Causes eye irritation.
(H303) May be harmful if swallowed.

GHS Precautionary Statements:
(P102) Keep out of reach of children
(P103) Read label before use
(P301 + P330 + P331) If Swallowed: Rinse mouth. Do not induce vomiting.
(P302+P350) If on Skin: Gently wash with soap and water.
(P305+P351+P338) If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.

Other Hazards Which Do Not Result In Classification:
None known.
Section 3: COMPOSITION, INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soy methyl ester</td>
<td>67784-80-9</td>
<td>97-99%</td>
</tr>
<tr>
<td>Proprietary, non-hazardous, non-regulated ethoxylated alcohol surfactant</td>
<td>trade secret</td>
<td>0.8-2%</td>
</tr>
</tbody>
</table>

Other Chemical Information:
None

Section 4: FIRST AID MEASURES

Necessary Measures For Routes Of Exposure:

If Inhaled:
If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

If on Skin:
If skin irritation occurs, get medical advice/attention.

If in Eyes:
If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

If Swallowed:
Rinse mouth. Do not induce vomiting. Call a doctor/physician if you feel unwell.

Important Symptoms/Effects, Acute and Delayed:
Specific data not available.

Immediate Medical Attention And Special Treatment Needed:
Specific data not available.
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Section 5: FIRE FIGHTING MEASURES

Suitable (and unsuitable) Extinguishing Media:
- CO2, Dry Chemical for small fires, foam for large fires, water spray

Hazards Arising From The Product/Chemical (e.g., nature of any hazardous combustion products):
None known

Special Fire Fighting Procedures:
- Use water spray to cool containers.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
- Wear protective clothing.

Environmental Precautions:
- Specific data not available.

Methods and Materials for Containment and Cleaning Up:
- Contain the spill and hold for disposal.

Section 7: HANDLING AND STORAGE

Precautions For Safe Handling:
- Normal care in handling & storage.

Conditions For Safe Storage, Including Any Incompatibilities:
- Specific data not available.
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Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Control Parameters, e.g., Occupational Exposure Limit Values or Biological Limit Values:** Specific data not available.

**Appropriate Engineering Controls:** Not required. Mechanical generally sufficient.

**Individual Protective Measures, Such As Personal Protective Equipment:** Safety glasses, or chemical goggles.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (physical state, color, etc.):</td>
<td>Light yellow, low viscosity liquid</td>
</tr>
<tr>
<td>Odor:</td>
<td>Mild odor</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>Specific data not available.</td>
</tr>
<tr>
<td>pH:</td>
<td>6.65</td>
</tr>
<tr>
<td>Freezing / Melting Point:</td>
<td>below 32˚f</td>
</tr>
<tr>
<td>Boiling Point and Boiling Range:</td>
<td>Over 300˚f</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>Above 200˚f (PMcc)</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Less than 1 (n-butyl acetate=1)</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Emulsifiable</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>None known.</td>
</tr>
<tr>
<td>Upper/Lower Flammability or Explosive Limits:</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>&lt; 2mm Hg at 20˚C</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Estimated heavier than air.</td>
</tr>
<tr>
<td>Relative Density:</td>
<td>7.3 lbs/gal (@25˚C)</td>
</tr>
<tr>
<td>Partition Coefficient (n-octanol/water):</td>
<td>Specific data not available.</td>
</tr>
<tr>
<td>Autoignition Temperature:</td>
<td>445˚C (833˚F)</td>
</tr>
<tr>
<td>Decomposition Temperature:</td>
<td>Specific data not available.</td>
</tr>
<tr>
<td>VOC:</td>
<td>2.3% .06 lb/g 20 g/l</td>
</tr>
</tbody>
</table>
Section 10: STABILITY AND REACTIVITY

**Chemical Stability:**
Stable

**Possibility Of Hazardous Reactions:**
Will not occur.

**Conditions To Avoid** *(e.g., static discharge, shock or vibration):*
Strong oxidizing agents.

**Incompatible Materials:**
Specific data not available.

**Hazardous Decomposition Products:**
Produces carbon monoxide and carbon dioxide on combustion.

Section 11: TOXICOLOGICAL INFORMATION

**Information On The Likely Routes Of Exposure** *(inhalation, ingestion, skin and eye contact):*
- SKIN: (H316) Causes mild skin irritation.
- EYE: (H320) Causes eye irritation.
- INGESTION: (303) May be harmful if swallowed.

**Symptoms Related To The Physical, Chemical and Toxicological Characteristics:**
Not listed by NTP, IARC, OSHA.
Delayed and Immediate Effects and Also Chronic Effects From Short- and Long-Term Exposure:
Specific data not available.

Numerical Measures Of Toxicity (such as acute toxicity estimates):
Specific data not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available):
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and Degradability:
Specific data not available on the degradability of this product.

Bioaccumulative Potential:
Specific data not available.

Mobility In Soil:
The product is immiscible with water and will spread on the water surface.

Other Adverse Effects:
Specific data not available.
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Section 13: DISPOSAL CONSIDERATIONS

Description Of Waste Residues and Information On Their Safe Handling and Methods Of Disposal, Including The Disposal Of Any Contaminated Packaging:

Contaminated absorbent material may be disposed of in an approved landfill. Dispose of in accordance with all existing local, state, and federal ordinances.

Section 14: TRANSPORT INFORMATION

UN Number:
UN 2319

UN Proper Shipping Name:
UN 2319 - Terpene Hydrocarbons, N.O.S (d. Limonene mixture)

Transport Hazard Class(es):
3 Flamable liquid, N.O.S. (Terpene hydrocarbons, mixture)

Packing Group (if applicable):
III

Marine Pollutant (Yes/No):
Yes

Special Precautions Which User Needs To Be Aware Of / Or Comply With In Connection With Transport Or Conveyance Either Within Or Outside Their Premises:
Specific data not available.

Section 15: REGULATORY INFORMATION

SARA TITLE III (Superfund Amendments and Reauthorization Act):
Section 312 Extremely Hazardous Substance: None
Section 311/312 Hazard Categories: None
Section 313 Toxic Chemicals: None

Section 16: OTHER INFORMATION