



MATERIAL SAFETY DATA SHEET

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: BEAN•e•doo® Asphalt Cleaner

Manufacturer: FRANMAR CHEMICAL, INC.
10282 E. 1400 North Rd. Bloomington, IL 61705

Emergency Telephone Numbers: (309) 828-2900

Section 2: HAZARD IDENTIFICATION

Emergency Overview

Routes of Entry

Inhalation, eye and skin contact.

Health Effects: Eyes

May cause eye irritation.

Health Effects: Skin

Not classified as a primary skin irritant or corrosive material.

Health Effects: Ingestion

May cause irritation of the digestive tract.

Health Effects: Inhalation

N/A

Medical Conditions Generally Aggravated By Exposure / Target Organs

None known.

Section 3: COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
Soy methyl ester	67784-80-9	>95%
Proprietary, non-hazardous, non-regulated ethoxylated alcohol surfactant	trade secret	<5%

Section 4: FIRST AID MEASURES

Eyes

Immediately flush eyes with running water for at least 15 minutes. Do not rub eyes. If symptoms persist obtain medical aid.

Skin

Wash with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.

Ingestion

Do not induce vomiting. Call a physician immediately.

Inhalation

Remove to fresh air. If symptoms persist get medical attention.

Section 5: FIRE FIGHTING MEASURES

Flash Point

425°F (218°C) PMcc

Flammable Limits

Not established.

Extinguishing Media

CO₂, Dry Chemical for small fires, foam for large fires.

Special Fire Fighting Procedures

Fire fighters should be equipped with self contained breathing apparatus and protective clothing.

Unusual Fire & Explosion Hazards

Rags soaked with any solvent can present a fire hazard and should be stored in UL listed or factory mutual approved covered containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions can lead to spontaneous combustion. This product contains antioxidants to retard oxidation.

Section 6: ACCIDENTAL RELEASE MEASURES

Release or Spill

Wear protective clothing. Contain the spill. Hold for disposal.

Section 7: HANDLING AND STORAGE

Handling and Storage

Stored in most common storage(s) including carbon steel, aluminum, fiberglass, and stainless steel.

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment: Respiratory

None required for normal usage.

Personal Protective Equipment: Eye / Face

Safety glasses, goggles or face shield.

Personal Protective Equipment: Skin

Nitrile and neoprene.

Protective Clothing or Equipment

As required.

Engineering Controls / Ventilation

N/A

Work / Hygienic Practices

Practice reasonable care and cleanliness. Avoid prolonged breathing of vapors.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

pH: 6.65

Boiling Point: Over 600°F

Vapor Pressure: Less than 2mm Hg @ 20°C

Vapor Density:

Specific Gravity: .91 at 25°C

Solubility In Water: Emulsifiable

Appearance and Odor: Light to dark green liquid.

Color:

Freezing / Melting Point: -1°C 30°F

Evaporation Rate: Less than 1 (n-butyl acetate=1)

VOC: 7.78%, 0.58 lbs/gal, 69.41 g/L

Viscosity:

Section 10: STABILITY AND REACTIVITY

Stability

Stable

Conditions to Avoid

Strong oxidizing agents, rags soaked with other solvents or chemicals.

Hazardous Decomposition or By-Product

Produces carbon monoxide and carbon dioxide on combustion.

Hazardous Polymerization

Will not occur.

Section 11: TOXICOLOGICAL INFORMATION

Acute Data

Carcinogenicity

Not listed by NTP, IARC, OSHA.

Reproductive Effects

Target Organ Effects

Section 12: ECOLOGICAL INFORMATION

Environmental Fate

Environmental Effects

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose of in accordance with all existing local, state, and federal ordinances.

Section 14: TRANSPORT INFORMATION

UN Hazard Class

N/A, non-regulated

DOT Transportation Data

Non-regulated

NMF *(National Motor Freight Classification)*

Proper Shipping Name

Fatty acid ester

Identification Number

144920

Packing Group

Shipping Classification

55

DOT Classification

Non-toxic, Non-corrosive, Non-hazardous

DOT Proper Shipping Name

Cleaning compounds Non-hazmat

Section 15: REGULATORY INFORMATION

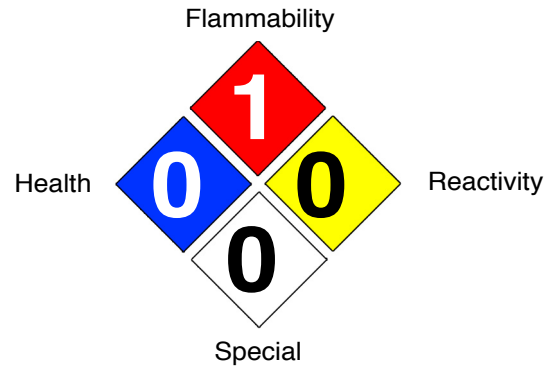
Other Regulatory Requirements

Section 16: OTHER INFORMATION

Other Information

NFPA HAZARD RATING

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant



The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.