

BASCOTE 20

MATERIAL SAFETY DATA SHEET

Revision date: 3-30-2010

1.) COMPANY IDENTIFICATION:



BASTECH, LLC

3211 Powers Avenue
Jacksonville, FL 32207

EMERGENCY PHONE NUMBER: 904-737-1722
CHEMTREC: 800-424-9300

2.) COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS:

<u>Ingredient name</u>	<u>CAS#</u>	<u>ACGIH TLV</u>	<u>Percentage</u>
Unoxidized Asphalt	8052-42-4	5	80%
Heavy Hydrotreated Naphthenic Distillates	64742-52-5	5	20%

3.) HAZARDS IDENTIFICATION:

Physical Appearance and Odor: Clear, black, viscous liquid. It has a light petroleum odor.
Emergency overview: This product will burn, the flash point is >350°F and the autoignition temperature is 650°F.

Potential health effects:

Acute eye: Material splashed in eyes will irritate tissues. Gently flush material from eyes with clean water.

Acute skin: Prolong unprotected exposure to this product will cause skin irritation. Remove product soaked clothing and wash with mild soap.

Acute inhalation: As a precaution, exposure to vapors, mists, or fumes should be minimized.

Acute ingestion: Low acute oral toxicity. Do not induce vomiting.

Chronic effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH, or OSHA as a probably or suspected human carcinogen.

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4.) FIRST AID MEASURES:

Eye: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. If irritation persists, call a physician.

Skin: Immediately wash affected areas with soap and water for at least 5 minutes. If irritation develops, seek medical attention. Clean contaminated clothing and shoes before re-use.

Inhalation: Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if distress or irritation continues.

Ingestion: Product is practically non-toxic. Do not induce vomiting. Never induce vomiting or give anything by mouth to an unconscious person.

General advice: Treat symptomatically.

5.) FIRE FIGHTING MEASURES:

Flash point: >350 ° F (PMCC)

Flammability classification: Will burn

Extinguishing media: Use dry chemical, foam or carbon dioxide. Water jet is not recommended. Use water spray to keep fire-exposed containers cool.

Fire fighting equipment and special procedures: Fire fighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Hazardous decomposition products: Oxides of carbon and other decomposition products due to incomplete combustion.

NFPA Hazard codes: Health 1; Flammability 1; Reactivity 0.

6.) ACCIDENTAL RELEASE:

Personal protective equipment: Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.

Spill and clean up procedures: This material will float on water and will be transported by storm water run off. Spills to the ground should be immobilized and removed immediately. Spills that enter a water body must be reported to the USEPA's National Response Center at (800) 546-2972.

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7.) HANDLING AND STORAGE:

Handling: Keep away from flames, sparks, or hot surfaces. Never use a torch to cut or weld on or near a container. Do not get on skin or in eyes. Do not breathe vapors or mists. As with all chemicals, good industrial hygiene practices should be followed.

Storage: Store in a tightly closed container. Store product in an area that is dry, well-ventilated, and away from ignition sources.

8.) EXPOSURE CONTROLS:

Exposure limits:

OIL MIST. Heavy Hydrotreated Naphthenic Distillate (petroleum)

OSHA PEL MIST 5mg/m³ 8 hours

ACGIH TVL MIST 5 mg/m³ 8 hours

ASPHALT FUMES. Unoxidized Asphalt

OSHA – None established

ACGIH TVL 5 mg/m³ 8 hours

Eye protection: Wear chemical goggles. Wear face shield if splashing is possible.

Skin protection: Skin contact with this material should be minimized through the use of impervious gloves. Butyl rubber or neoprene is acceptable.

Respiratory protection: If vapors are present use a NIOSH approved respiratory protection for organic (petroleum) vapors.

Other protective equipment and work practices: Eye wash fountain and emergency showers are recommended.

9.) PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Clear, black viscous liquid

Odor: Mild petroleum

Melting point: ~150°F

pH: N/A

Flash point: >350°F (PMCC)

Solubility in water: Insoluble

Specific gravity: 0.9574 g/ml

Evaporation rate: 1000X slower than Ethyl Ether

Viscosity: ~300 cps @ 200°F

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10.) STABILITY AND REACTIVITY:

Chemical stability: This material is stable under normal handling and storage conditions.

Substances to avoid: Avoid strong oxidizers. Avoid sources of ignition.

Hazardous decomposition products: Oxides of carbon and other decomposition products of incomplete combustion..

Hazardous polymerization: Will not occur.

11.) TOXICOLOGICAL INFORMATION:

Acute toxicity: Product has a low order of acute and dermal toxicity.

- A) Oral: Product has a low order of acute toxicity.
- B) Dermal: This product is judged to be neither “corrosive” nor “irritant” by OSHA criteria.
- C) Eyes: May cause eye irritation.
- D) Inhalation: Minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury.

In accordance with the OSHA Hazard Communication Standard criteria, this product does not require a cancer hazard warning. This is because the product is formulated from base stocks that are severely Hydrotreated and/or severely solvent extracted.

12.) ECOLOGICAL INFORMATION:

Ecotoxicological information: If applied to leaves, this product may kill small grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow running water. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.

Chemical fate information: Rapidly biodegradable. Biodegradation is possible within 90 to 120 days in aerobic environments at temperatures above 70°F.

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13.) DISPOSAL CONSIDERATIONS:

Waste disposal: Waste product should be recycled. Consider waste brokering. DO NOT dispose of this product in drains or storm sewers. DO NOT dispose of this product in a landfill without prior solidification.

Container disposal: Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized use of empty containers.

RCRA Hazard class (40 CFR 261): This product does not meet the characteristics of a hazardous waste.

14.) TRANSPORTATION INFORMATION:

US Department of Transportation shipping name: Elevated Temperature Liquid, N.O.S.

Hazard class: 9

Packing group: PG III

ID number: UN3257

15.) REGULATORY INFORMATION:

Inventory status:

US / TSCA	Yes
Canada / DSL	Yes

SARA hazard categories:

Section 302: Not applicable

Section 304: Not applicable

Section 311/312: No

Section 313: No

State regulations:

CA Prop. 65: None known

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16.) OTHER:

HMIS rating:

Health: 1

Flammability: 1

Reactivity: 0

Disclaimer:

The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.
