

TRINITY ASPHALT, INC.

MSDS FOR AC-1.5

I. PRODUCT IDENTIFICATION

- PRODUCT-AC-1.5
- MSDS NUMBER W-4139.....EMERGENCY TELEPHONE # 800/424-9300
- CHEMICAL NAME & SYNONYMS-AC Asphalts, Petroleum Asphalt, Asphalt Cement, Vis Grade Asphalt, Pen Grade Asphalt, AC's
- CHEMICAL FAMILY-Petroleum Asphaltic Bitumen
- FORMULA-N/A
- HEALTH CODE-0 or Least
- FIRE CODE-1 or Slight
- REACTIVITY CODE-0 or Least

II. SUMMARY OF HAZARDS

- CAUTION! CAN CAUSE RESPIRATORY, EYE OR SKIN IRRITATION. CAN CAUSE THERMAL BURN.
- AVOID BREATHING FUMES. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.
- DOT HAZARDOUS MATERIAL-YES
- DOT SHIPPING NAME & NUMBER-Elevated Temperature Material, liquid, n.o.s., (asphalt),9, NA9259,III
- DOT HAZARD CLASS-9

III. HAZARDOUS COMPONENTS

- INGREDIENT-Petroleum Asphalt (CAS # 8052-42-4)
- PERCENT RANGE-100
- PEL/TLV-TWA-5 mg/m³
- HAZARD-Acute Health

IV HEALTH INFORMATION

- INHALATION (EFFECTS)-Acute: Nasal and respiratory irritation.
- INHALATION (FIRST AID)-Move exposed person to fresh air. If breathing has stopped, perform artificial respiration. Get medical attention as soon as possible.
- SKIN (EFFECTS)-Acute: irritation, thermal burn.
- SKIN (FIRST AID)-If clothing soaked, immediately remove clothing and wash skin with soap and water. Launder clothing before wearing. For thermal burn: cool, flush with water, wrap with sterile dressing and apply cold pack. Get medical attention promptly.
- EYES (EFFECTS)-Acute: Irritation, thermal burn.

- Eyes (FIRST AID)- Immediately flush eyes with water for a minimum of 16 minutes, occasionally lifting the lower and upper lids. Get medical attention promptly.
- SWALLOWING INGESTION (EFFECTS)-Acute: Irritation, thermal burn.
- SWALLOWING INGESTION (FIRST AID)-Call a physician immediately, ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
- LISTED AS POTENTIAL CARCINOGEN OR CARCINOGEN

V. EMPLOYEE PROTECTION

- RESPIRATORY PROTECTION (NIOSH APPROVED RESPIRATORS SEE OSHA STD.1910.134) Up to 50 mg/m³, half-mask organic vapor respirator. Up to 250 mg/m³, full-face organic vapor respirator or full-face supplied air respirator. Greater than 250 mg/m³, fire-fighting, or unknown concentration, self breathing apparatus with positive pressure.
- EYE-Safety glasses, chemical goggles or face shield is appropriate.
- SKIN-Gloves: Nitrile, neoprene or other material resistant to fuel oil.
- VENTILATION-Maintain local or dilution ventilation to keep air concentration below 5mg/m³. Loading, unloading, tank gauging, etc., remain upwind. Request assistance or safety and industrial hygiene personnel in determining air concentrations.

VI. FIRE PROTECTION INFORMATION

- FLASH POINT AND METHOD-COC 450°F
- AUTOIGNITION TEMPERATURE ESTIMATED-900°F
- FLAMMABLE LIMITS PERCENT VOLUME IN AIR ESTIMATED-N/A
- EXTINGUISHING MEDIA-Water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool.
- HAZARDOUS DECOMPOSITION PRODUCTS-Incomplete combustion can yield carbon monoxide and various hydrocarbons and smoke.
- FIRE AND EXPLOSION HAZARDS-Can form combustible mixtures with air when heated.
- STORAGE-Do not store with strong oxidizers. Store as OSHA Class IIIB combustible liquid.
- HAZARDOUS POLYMERIZATION-Will not occur.
- STABILITY-Stable

VII. PHYSICAL AND CHEMICAL PROPERTIES

- BOILING POINT-Greater than 600°F
- REID VAPOR PRESSURE (RVP) at 100°F ESTIMATED-N/A
- EVAPORATION (ETHYL ETHER=1) ESTIMATED-N/A
- PERCENT VOLATILE BY VOLUME-N/AV
- AVG> MOLECULAR WEIGHT-N/AV
- APPEARANCE-Black Cementitious Material

- ODOR-Asphalt
- DROP POINT-Pour Point 50 to 350°F
- ESTIMATED VAPOR DENSITY (AIR=1)-N/A
- SPECIFIC GRAVITY-0.9 to 1.1
- VISCOSITY-50 to 3000 Poises At 140°F
- Solubility (G/100g WATER at 20° C)-Negligible

VIII. ENVIRONMENTAL PROTECTION

- SPILLS-Notify emergency response personnel. Build dike to contain liquid. Allow to cool and place in container for disposal.
- WASTE DISPOSAL-Recycle as much product as possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State and Local regulations.
- **DISCLAIMER**-*The information and recommendation contained in this publication have been compiled from sources believed to be reliable and to represent the best current opinion on the subject at the time of publication. Since we cannot anticipate or control the many different conditions under which this information or our products may be used, we make no guarantee that the recommendations will be adequate for all individuals or situations. Each user of the product described herein should determine the suitability of the described product for his particular purpose and should comply with all federal and state rules and regulations concerning the described product.*
- ABBREVIATIONS

- • CAS#

Chemical Abstracts Service Number

N/A

Not Applicable

N/AV

Not Available

ppm

Parts per million

PEL

Permissible Exposure Limit

TLV

Threshold Limit Value (Both the OSHA PEL and the American Conference of Governmental Industrial Hygienists TLV were reviewed. Where a difference existed, the more restrictive of the two was selected.

STEL

Short Term Exposure Limit

TWA

Time-Weighted Average