

DEERY AMERICAN CORPORATION

Material Safety Data Sheet

DATE PREPARED: 1/1/2010

OMB No. 1218-0072

TRADE NAMES: Deery Surface Conditioner NFR

IDENTITY: NON-FLAMMABLE Liquid Hydrocarbon Mixture
CHEMICAL FORMULA AND CAS NUMBER: MIXTURE



EMERGENCY TELEPHONE NUMBERS:

Information Telephone: Normal Business Hours 1-970-858-3678

Manufacturing Plant: 1-307-778-8610

Call CHEMTREC day or night: Domestic North America 800-424-9300
International 703-527-3887 (collect calls accepted)

SECTION II – INGREDIENTS - IDENTITY INFORMATION

INGREDIENT NAME	CAS NUMBER	WEIGHT %
Petroleum Hydrocarbon (Methylene Chloride)	0075-09-2	20 – 75%
Petroleum Hydrocarbon (Perchloroethylene)	127-18-4	10 – 40%
Synthetic Polymers	9003-55-8	5 – 50%
Hydrotreated Naphthenic Distillate	64742-52-5	5 – 20%
Hydrocarbon Resins	91995-20-9	5 – 15%

SECTION III – HAZARDS IDENTIFICATION

HMS RATING

Health 2 Moderate
Fire 1 Slight
Reactivity 0 Least

RECOMMENDED FOR OUTDOOR USE ONLY

Skin Contact: Infrequent contact results in low toxicity..

Inhalation: May cause dizziness or narcosis in high vapor concentrations. Fumes and vapors can be irritating to the eyes, nose, throat, skin and lungs. Fumes may cause nausea. Do not inhale fumes. The primary potential hazards associated with this product are due to inhalation of fumes from the product. Fumes may cause nausea, drowsiness and headache. Long term exposure (years) to high concentrations of vapor may cause lung, liver, kidney, central nervous system, cardiovascular, spleen and brain damage.

Ingestion: Do not ingest – small amounts of liquid drawn into the lungs may cause health effects or pulmonary edema and/or bronchopneumonia. Cured, solid material is not expected to cause eye or skin irritation, nor is it expected to have acute systemic toxicity by ingestion.

Eyes: Exposure to fumes or mists may cause irritation. Direct contact with material may be extremely irritating.

SECTION IV – FIRST AID MEASURES

EYES: Immediately flush eyes with fresh cool water while holding the eyelids open and continue flushing with water until irritation or symptoms subside. See a doctor.

SKIN: Immediately flush with large amounts of water. Wash with soap and water. See a doctor..

INHALATION: If there are signs or symptoms as described in the MSDS due to breathing this material, move the person to fresh air. If breathing has stopped, apply artificial respiration. Call a doctor. Seek medical attention.

INGESTION: Since this material is not expected to be an ingestion problem, no first aid procedures are recommended except do not induce vomiting. Seek medical attention.

SECTION V – FIRE FIGHTING MEASURES

NFPA Hazard Rating:

Health 2 Moderate
Fire 1 Slight
Reactivity 0 Least



Flash Point – No measurable flash point

Auto Ignition Temperature - 230°C+

Extinguishing Media - Dry Chemical, Foam, CO2.

Flammability Classification – Class III B Combustible

Special Fire Fighting Procedures - Same as oil fire. **Unusual Fire & Explosion Hazard** – Smoke from fire may be hazardous

Fire-Fighting Instructions – Use of water or foam directly on flames may spread fire. Use a water spray to cool containers. Use air supplied breathing apparatus where heavy smoke occurs. Do not release fire control runoff into sewers.

Products of Combustion – Carbon Monoxide, Hydrogen Sulfide, Carbon Dioxide, Sulfur Dioxide and other products of combustion of hydrocarbons.

SECTION VI – ACCIDENTAL RELEASE MEASURES

DO NOT USE OR HANDLE THIS PRODUCT IN THE PRESENCE OF OPEN FLAME OR IN THE VICINITY OF ANY HEATER OR OTHER SOURCES OF IGNITION

Spill: Eliminate sources of ignition. Use sand, clay or non-combustible absorbing materials to absorb spilled product. Consult an expert or fire department for information regarding disposal. Insure disposal is in compliance with all governmental requirements and regulations including local regulations. Do not flush spill to sewer or other waters. Ventilate area and avoid breathing fumes. Follow appropriate OSHA regulations (29 CFR 1910,120).

SECTION VII – HANDLING & STORAGE

Handling and Storage Precautions: Eliminate sources of ignition from storage area. Do not breathe vapors when handling or applying. Wash hands before eating or smoking.

SECTION VIII – EXPOSURE CONTROLS & PERSONAL PROTECTION

Ventilation Requirements: Melting of product and melting equipment operations must be limited to open, outside areas to result in maximum exposure limits or threshold limit values.

Product application should be limited to open, outside areas. For operations where fume exposure can occur or is thought to occur, a MSHA/NIOSH approved respirator may be necessary. Seek professional advice for a recommendation as to type of respirator that may be necessary.

Eye/Face Protection: For operations where eye or face contact with hot material may occur, eye protection such as safety goggles or a face shield is recommended.

Skin Protection: When heating and/or applying hot material, wear equipment that will offer protection against thermal burns and contact with hot product such as protective gloves, long sleeve shirts, and hard-soled shoes. Do not wear rubber or composite shoes, gloves, or any other article of clothing that may melt or otherwise be affected by heat.

Hygiene: Wash hands before eating or smoking.

SECTION IX – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Red liquid with petroleum solvent odor.
Boiling Point: 100°C+
Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: See section 5
Hazardous Polymerization: Will not occur
Solubility in Petroleum solvents: Soluble
Volatility %: Less than 1%

Stability: Stable
Specific Gravity: 0.875
Odor: Slight petroleum at room temperature. Moderate petroleum odor at 380°F.
Water Solubility: Not soluble in water
Evaporation Rate: HIGH

SECTION X – STABILITY AND REACTIVITY

Polymerization: Will not occur
Hazardous Decomposition Products: See Section V

Chemical Incompatibilities: Strong oxidizing agents
Stability: Stable

SECTION XI – TOXICOLOGICAL INFORMATION

Carcinogenicity: There is inadequate evidence that asphalt (bitumen) is carcinogenic to humans. The International Agency for Research on Cancer (IARC) has recently reviewed the carcinogenic potential of asphalts. They concluded that there was insufficient evidence that undiluted, air-refined asphalt was carcinogenic to animals, while there was only limited evidence that steam-refined asphalts were carcinogenic to animals. Additionally, there was insufficient evidence to conclude that asphalts were carcinogenic to human beings. Studies in which mice were exposed to a variety of whole asphalts did not result in any increased cancer rate; mice exposed to asphalts diluted with hydrocarbon solvents had increased incidence of certain types of cancer. Brief or intermittent skin contact with this asphalt product is not expected to produce any serious effects. While normal handling of this product is not likely to cause cancer in humans, skin contact and breathing of mists, fumes or vapors should be reduced to a minimum. We strongly recommend that the precautions outlined in this MSDS be followed when handling this material. Some asphalt contains sulfur compounds, which may form H₂S when heated. The rotten egg odor of H₂S is unreliable as an indicator of concentration because it may be entirely masked by the odor of the asphalt. Signs and symptoms of overexposure to H₂S include respiratory tract irritation, headaches, dizziness, nausea, gastrointestinal disturbances, coughing, a sensation of dryness and pain in the nose, throat and chest, confusion and unconsciousness. H₂S concentrations of 1000-2000 PPM can be extremely hazardous.

SECTION XII – ECOLOGICAL INFORMATION

Soil Absorption: None known
Environmental Degradation: No data

Environmental Transport: No data
Ecotoxicity: Unknown. No data

SECTION XIII - DISPOSAL

According to Federal regulations (40 CTR 261) this product, as supplied, is not a hazardous waste when discarded or disposed of. It is the responsibility of the user to determine, at the time of disposal if the product is a hazardous waste subject to RCRA. Transportation, storage, and disposal of RCRA waste must be conducted in compliance with 40 CTR 262, 263, 264, 268, and 270.

SECTION 14 – TRANSPORT INFORMATION

Product as Packaged and Shipped:
D.O.T. Shipping Label: N/A
Hazard Class: N/A
Shipping Name or Designation: N/A
D.O.T. ID #: N/A

Melted Product: (heated above softening point of 200°F)
Placard Requirement: 'HOT' UN3257
Packing Group: PG III
Hazard Class: 9
Shipping Name: Elevated Temperature N.O.S.

SECTION 15 – REGULATORY INFORMATION

State Regulations: The following chemicals are known to be specifically listed by various states. Contact the appropriate state regulatory agency for more specific requirements.
New Jersey Right to Know: Petroleum fumes
Minnesota Right to Know: Petroleum fumes
Rhode Island Hazardous Substances List: Petroleum fumes
California State Superfund Hazardous Substance
Massachusetts Right to Know: Petroleum fumes, petroleum distillates including heavy naphthenics
California Proposition 65 Carcinogens or Reproductive Toxins List: Petroleum fumes or distillates
Illinois Toxic Substance Disclosure to Employees list: Petroleum fumes
Pennsylvania Right to Know: Petroleum fumes
Texas Air Contaminants Screening Level
Florida Hazardous Substance List: Petroleum fumes

U.S. Federal Regulatory Information:

RCRA Hazardous Waste Classification (40 CFR 261) this material should not be hazardous
RCRA Hazardous Waste Number: No listing

CERCLA: No listing

CERCLA Reportable Quantity (RQ): This product in solid form is not a hazardous substance and does not have a reportable quantity. If spilled in liquid form into the waters of the United States, it may be reportable under the CLEAN WATER ACT.

SARA 311 Categories:	Immediate (Acute) Health Effects	Yes (when product is heated)
	Delayed (Chronic) Health Effects	Yes (when product is heated)
	Fire Hazard	No
	Sudden Release of Pressure	No
	Reactivity Hazard	No

Other regulations: None known

SECTION 16 – OTHER INFORMATION

DISCLAIMER: This information is furnished for user consideration. Deery American Corporation believes the information is accurate. Deery does not believe that information accuracy provided is all inclusive in all circumstances. Deery encourages all users to obtain current data for its intended purposes and use. Information provided herein does not include a warranty, express or implied, including a warranty for merchantability or fitness.

Date prepared: 1/1/2010

Supersedes MSDS DATED April 1, 2006

Prepared to the best of our knowledge by Deery American Corporation Phone: 970-858-3678