

## MATERIAL SAFETY DATA SHEET

**Product:** Rosphalt 50

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURED BY:** ROYSTON DIVISION OF CHASE CORP.

#### GENERAL INFORMATION:

**EMERGENCY, CHEMTREC:** 800-424-9300, Only in the event of chemical emergencies involving a spill, leak, fire, exposure or any accident involving chemicals. Outside USA: (703) 527-3887

**REVISION DATE:** January 10, 2008

**PREPARED BY:** Frederick F. Fischer, Jr.

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS NUMBER	IDENTIFICATION	APP. % BY WGT.
64742-52-5	Severly Hydrated Heavy Naphthenic Distillate	30-40
1333-86-4	Carbon	20-30

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### 3. HAZARDOUS IDENTIFICATION

HAZARDOUS POLYMERIZATION: Will Not Occur

ROUTES OF EXPOSURE: Inhalation, Skin, Eyes and Ingestion.

#### IMMEDIATE EFFECTS:

**INHALATION:** Due to the nature of the product, there is no inhalation hazard. Heated vapors may cause irritation of nasal passages and throat.

**SKIN CONTACT:** Normally not irritating. If rash develops or irritation persists, seek physician.

**EYE CONTACT:** If eye contact is made and rash develops, contact physician.

**INGESTION:** Due to nature of product ingestion is not likely. If ingested, see physician.

#### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

**ACCUTE:** Inhalation- exposure during hot process may cause respiratory. Eye or nose irritation.

**CHRONIC:** Inhalation- Long term exposure to concentrated hot processing fumes may reduce lung function and cause chronic bronchitis.

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### 4. FIRST AID MEASURES

#### GENERAL ADVICE:

**INHALATION:** Due to the nature of the product, there is no inhalation hazard. Heated vapors may cause irritation of nasal passages and throat. If a person breathes large amounts of heated product vapors, move the exposed person to fresh air at once. If breathing difficult, **GET MEDICAL ATTENTION.**

**SKIN CONTACT:** Normally not irritating. If rash develops or irritation persists, seek physician.

**EYE CONTACT:** Remove contact lenses. Flush eyes with large amounts of water, preferably lukewarm water, for at least 15 minutes. If irritation persists, **GET MEDICAL ATTENTION**

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INGESTION: Due to nature of product ingestion is not likely. If ingested, see physician.

**5. FIRE FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA: Foam, Carbon Dioxide or dry chemical. If entering a confined area, use self-contained breathing apparatus if applicable

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: Stable.  
SENSITIVILTY TO STATIC DISCHARGE: Stable.

**6. ACCIDENTAL RELEASE MEASURES**

PRECAUTIONS FOR PERSONNEL: No special clothes are required, but do wear gloves.  
ENVIRONMENTAL PRECAUTIONS: No special procedures normally needed.  
PROCESS FOR CLEANING: Absorb with inert material. Remove sources of ignition. Scoop material with non-sparking tools.

**7. HANDLING AND STORAGE**

HANDLING: Avoid direct contact with product. No special ventilation required.  
STORAGE: Store away from ignition sources and open flames.

**8. EXPOSURE RESTRICTIONS AND PERSONAL PROTECTION**

MATERIALS WITH LIMITS THAT REQUIRE SUPERVISION:

<u>CAS NUMBER</u>	<u>IDENTIFICATION</u>	<u>APP % BY WGT.</u>	<u>NIOSH REL</u>	<u>VALUE</u>	<u>UNIT</u>
64742-52-5	Hydrated Heavy Naphthenic Distillate	30-40	TWA	5.0	mg/m <sup>3</sup>
1333-86-4	Carbon	20-30	TWA	2.4	mg/m <sup>3</sup>

ADDITIONAL ADVICE: No special clothes are required, but do wear gloves.

**9. PHYSICAL PROPERTIES**

ODOR: AROMATIC

<u>CHANGE OF STATE</u>	<u>VALUE/AREA</u>	<u>UNIT</u>	<u>METHOD</u>
FREEZING POINT:	N/A	°C	
BOILING POINT:	N/A	°C (°F)	
FLASH POINT:	>260 (500)	°C (°F)	TCC
IGNITION TEMPERATURE:			
SPECIFIC GRAVITY:	1.02	H2O=1	
% VOLATILE BY VOLUME:	Nil	%	
SOLUBILITY IN WATER:	Insoluble		
PH VALUE	N/A		
VISCOSITY:		CPS	
FLAMMABLE LIMITS:	LEL N/A UEL N/A		
EVAPORATION RATE:	N/A	BUAC=1	

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**10. STABILITY AND REACTIVITY**

STABILITY: Stable

CONDITIONS TO AVOID: Open Flame.

MATERIAL TO AVOID: None known

DECOMPOSITION OF PRODUCTS: Carbon Monoxide, Carbon Dioxide and Oxides of Nitrogen.

EYES: Remove contact lenses. Flush eyes with large amounts of water, preferably lukewarm water, for at least 15 minutes. If irritation persists, **GET MEDICAL ATTENTION.**

SKIN: If solid product gets on the skin, wash the contaminated skin with soap and water. If irritation develops or persists after the area has been washed. Should molten material strike the skin, flush with cold water. Thoroughly wash exposed area with mineral oil and flush with water. **GET MEDICAL ATTENTION.**

INHALATION: If a person breathes large amounts of heated product vapors, move the exposed person to fresh air at once. If breathing difficult, **GET MEDICAL ATTENTION.**

CONSUMPTION: If swallowed, call physician immediately. Only induce vomiting at the instructions of a physician. **DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

**11. TOXICOLOGICAL INFORMATION**

<u>CAS NUMBER</u>	<u>IDENTIFICATION</u>	<u>DERMAL LD 50</u>	<u>INHALATION LC 50</u>	<u>ORAL LD 50</u>
64742-52-5 1333-86-4	Hydrated Heavy Naphthenic Distillate Carbon	N/E N/E	N/E N/E	N/E N/E

<u>CAS NUMBER</u>	<u>IDENTIFICATION</u>	<u>CARCINOGENICITY</u>		<u>TERATOGENICITY</u>	<u>MUTAGENICITY</u>
		<u>ACGIH</u>	<u>IARC</u>		
64742-52-5 1333-86-4	Hydrated Heavy Naphthenic Distillate Carbon	N/E N/E	N/E N/E	N/E N/E	N/E N/E

**12. ECOLOGICAL INFORMATION**

VOLATILE ORGANIC COMPOUNDS: 0 Grams Per Liter (g/l). 0 Pounds Per Gallon (lb/g)

**13. DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: Disposal should be made in accordance with Federal, State and Local regulations.

**14. TRANSPORT INFORMATION**

SHIPPING CLASS: Not Regulated

**15. REGULATORY INFORMATION**

SARA SECTION 302:  
SARA (311,312) HAZARD CLASS:  
SARA (313) CHEMICALS: NONE  
CERCLA: N/A  
CPSC CLASSIFICATION

HMIS: FLAMMABILITY: 1 REACTIVITY: 0 HEALTH: 0  
NFPA: FLAMMABILITY: 1 REACTIVITY 0 HEALTH 0

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CALIFORNIA PROPOSITION 65:

- A. This product contains a chemical known to the State of CA to cause birth defects or other reproductive harm.
  - B. This product contains a chemical known to the State of CA to cause cancer.
  - C. This product contains a chemical known to the State of CA to cause cancer and birth defects or other reproductive harm.
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**16. OTHER INFORMATION**

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND ARE NOT A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED IS MADE. THE STATED RECOMMENDED HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE.

C= Ceiling Limit, NEGL=Negligible, N/A= Not Applicable ,N/E= Not Established, PROP.= Propriety.

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