

Material Safety Data Sheet
Date Prepared: 03 March 2009

I. PRODUCT/COMPANY:**Product Name:** SS-1h**Empirical Formula:** NA**CA Name or****CAS Number:** NA**General Identification:**Asphalt/water/emulsion,
Type SS-1h (ASTM D-2397)**Synonyms/Trade Names:** None**Chemical Family:** Asphalt Emulsion**Transportation Emergency Phone:**

Chemtrec: 1-800-424-9300

Manufacturer:Tri-State Asphalt
1362 Bungalow Rd.
Morris, Illinois 60450
815-942-0080**Supplier:**Tri-State Asphalt
1362 Bungalow Rd.
Morris, Illinois 60450
815-942-0080

II. COMPOSITION/INFORMATION ON INGREDIENTS:

<u>COMPONENT</u>	<u>CAS Number</u>	<u>%</u>	<u>PEL</u>
Asphalt Cement	8052-52-4	63	NE
Non Ionic Surfactant	Proprietary	1.0-1.6	NE
Water	7732-18-5	>31	NE

PEL=Permissible Exposure Limit (OSHA) NE=None Established

NA: Not Applicable INA: Information Not Known/Available
ND: Not Detectable >: Greater Than <: Less Than

PRODUCT NAME: SS-1h

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III. HAZARD IDENTIFICATION**Physical/Form/Color/Odor:** Liquid @ 20 C; brown color; sweet odor**Hazard Effect and Symptom:**

Skin : May cause irritation
Eyes : May cause irritation
Ingestion : INA
Inhalation : INA
Other :

Chronic Toxicity:

☐ Carcinogenic	☐ Sensitizer	☒ Non-Hazardous
☐ Corrosive	☐ Toxic	☐ INA
☐ Irritant	☐ Highly Toxic	☐ Other

Target Organs/Systems:

☐ Respiratory	☐ Renal	☐ Nervous
☐ Hepatic	☐ Skin	☐ Reproductive
☐ Eyes	☐ Blood	☒ Other

Other: INA

Primary Routes of Entry:

☐ Skin	☐ Ingestion	☐ Inhalation
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Other: INA

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IV. FIRST AID MEASURES:

Skin : Wash with water. If hardened (set) use grease/oil
Solvent soap designed for skin use.
Eye : Flush thoroughly with water for at least 15 minutes. Seek
immediate medical attention.
Ingestion : Seek immediate medical attention.
Inhalation : NA

V. FIRE FIGHTING PROCEDURES:**Flash Point (Method):**

>450 C (Pensky-Martens)

Auto-Ignition Temperature: INA**Flammable Limits in Air (% Volume)**

Lower: INA

Upper: INA

Extinguishing Media:☐ Dry Chemical☒ Water Fog☒ Other☒ Regular Foam☒ CO2☒ Other: Sand**Special Hazards/Procedures:** None Known**VI. Accidental Release Measures:**

Dike and take up with absorbent material and put into approved
containers for disposal. Large volumes can be diked up and the liquid
pumped into a tanker and used; the diking material should be put into
approved containers for disposal.

VII. Handling and Storage:

Protect from freezing.

Do not pump with high shear transfer pump, eg: Viking pumps-- this will
cause the emulsion to break and set up (harden).

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VIII. Engineering Controls/Personal Protection:

☐ Dust Mask	☐ Respirator	☐ Air Mask
☐ Safety Glasses	☒ Goggles	☐ Face Shield
☒ Gloves	☐ Apron	☐ Full Suit
☐ Other:		

Note: Protective equipment should meet OSHA specifications

Threshold Limit Values:

ACGIH: INA

OSHA : INA

IX. Physical and Chemical Properties:

Freezing Point	: 0 C	Boiling Point	: >100 C/760mm Hg
Specific Gravity	: 1.00/15 C	Bulk Density	: INA
(Water=1)			
Melting Point	: 0 C	Solubility	: soluble In water
Vapor Pressure	: INA	pH	: 7.0-8.0 liquid
Vapor Density	: INA	Percent Volatile	: NA
(Air=1)			
Other	: INA		

X. Stability and Reactivity:Stability: ☒ Stable
☐ UnstableHazardous ☒ Will Not Occur
Polymerization ☐ Will Occur

Incompatible Materials: Anionic emulsions will cause the emulsion to break (harden). Certain cationic emulsions may not be compatible-test before blending.

Decomposition Products: INA

Condition to Avoid: INA

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XI. Toxicological Information:**Acute Toxicity Information:**

Skin : INA

Eye : INA

Ingestion: INA

Inhalation : INA

XII. Disposal:

Dispose of waste material and empty drums in accordance with local, state and federal regulations.

XIII. Transportation Regulations:

US DOT: Not regulated; no placards required

IATA/IMO: Not regulated

Other: NA

XIV. Regulatory Information:

EPA TSCA Status: ☐ Listed ☐ Not Listed ☒ As Mixture by Components
☐ Low Volume Exemption (LVE) ☐ FDA Regulated

EPA SARA Title III Hazard Class (Sec. 312/see Chapter III): NA

EPA SARA Title III (Sec. 313/40CFR372):

Toxic chemicals present in quantities greater than the "de minimis"
level are:

NONE

Other:

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