

Safety Data Sheet

Section 1
Identification of the Substance and of the Supplier

1.1 Product Identifier

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| Product Name/Identification: | TPH A 939A |
| Synonyms: | Sodium Linear Alkylbenzene Sulfonate Liquid |
| Product Code: | Not applicable |
| Formula: | C ₁₈ H ₂₉ SO ₃ Na |

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advices Against

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|----------------------------------|----------------|
| Relevant Identified Uses: | Dust supresent |
| Uses Advised Against: | None known |

1.3 Details of the Supplier of the SDS

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|------------------------------------|---------------------------|
| Manufacturer/Supplier: | Tons Per Hour, Inc. |
| Street Address: | 8717 Humble Westfield Rd. |
| City, State and Zip Code: | Humble, TX 77338 |
| Customer Service Telephone: | 916-663-3800 |

1.4 Emergency Telephone Number

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|--------------------------------|--------------|
| Emergency Phone Number: | 916-663-3800 |
| Hours Available: | 24/7 |

Section 2
Hazards Identification

2.1 Classification of the Substance

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Product is stable under normal conditions.

WARNING STATEMENTS: Based on currently available data, this product does not meet the regulatory definition of a hazardous substance. However, good industrial hygiene practices should be used in handling it.

Section 3
Composition/Information on Ingredients

| Ingredient | CAS Number | Ingredient % Range |
|---|------------|--------------------|
| Water | 7732-18-5 | 59-61 |
| Monoalkylbenzene Sulfonic acid, sodium salt | 68081-81-2 | 36-38 |
| Sodium xylene sulfonate | 1300-72-7 | 1-4 |

Section 4
First Aid Measures

4.1 Description of First Aid Measures

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| Inhalation: | Remove to fresh air. Seek medical attention if respiratory irritation or distress continues. |
| Skin Contact: | Immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before reuse. |
| Eye Contact: | Flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention. |
| Ingestion: | If victim is conscious and alert, give 1 to 2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended. |

4.2 Indication of Any Immediate Medical Attention and Special Treatment Needed

NOTES TO PHYSICIANS: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically.

Section 5
Firefighting Measures

5.1 Extinguishing Media

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| Suitable Extinguishing Media: | Carbon dioxide (CO ₂), dry chemical, multi-purpose foam, water fog. |
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5.2 Special Hazards Arising From the Substance or Mixture

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| Hazardous Combustion Products: | None known. |
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5.3 Advice for Firefighters

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| Special Protective Equipment and Precautions for Firefighters: | Cool and use caution when approaching and handling fire-exposed containers. Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing |
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Section 6 Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

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| Personal precautions/Protective Equipment: | For personal protection see Section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. |
| Emergency procedures: | Use scooping, water spraying/flushing/misting or ventilated vacuum cleaning systems to clean up spills. Do not use pressurized air. |

6.2 Environmental precautions

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| Environmental precautions: | Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system. |
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6.3 Methods and Material for Containment and Cleaning Up

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| Methods and materials for containment and cleaning up: | Stop flow of material, if it is without risk. Wear appropriate protective equipment and clothing during cleanup. Contain the discharged material and dike the spilled material where possible. Prevent entry into sewers, drains, underground or confined spaces, water intakes and waterways. Ventilate contaminated area. |
| Clean up Procedures | Avoid skin contact and inhalation of vapors. Ventilate contaminated area. Wear appropriate protective equipment and clothe during clean-up. Collect spilled material with an inert absorbent such as vermiculite or sand. Place in properly labeled closed container. |

See Sections 8 and 13 for additional information on exposure controls and disposal.

Section 7 Handling and Storage

7.1 Precautions for Safe Handling

Avoid contact with skin and eyes. Wash hands thoroughly after handling. If the generation of airborne material cannot be avoided, control exposure with local exhaust ventilation and/or personal protective equipment as described in Section 8, "Exposure Controls/Personal Protection".

7.2 Conditions for safe storage, including any incompatibilities

Containers should be stored in a cool, dry, well-ventilated area. Store away from foodstuffs and animal feed. Exercise due caution to prevent damage to or leakage from the container.

Section 8

Exposure Controls/Personal Protection

8.1 Control Parameters

Contains no substances with occupational exposure limit values. These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

8.2 Exposure Controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

8.2.1 Engineering Controls

Good general ventilation should be sufficient to control airborne levels.

8.2.2 Personal Protective Equipment (PPE)

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| Respiratory protection: | Use appropriate respiratory protection to prevent overexposure. |
| Eye and face protection: | Chemical splash-proof goggles. |
| Hand and skin protection: | Suitable gloves, boots and apron. |

Section 9

Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

| Property: Value | Property: Value |
|--|--|
| Appearance (physical state, color, etc.): Light amber clear liquid | Upper/lower flammability or explosive limits: Not applicable |
| Odor: Mild | Vapor Pressure (Pa): Not determined |
| Odor threshold: Not applicable | Vapor Density: (Approximate 1) |

| | |
|--|--|
| pH (25 °C): 6.5-8.0 | Specific gravity or relative density: (Approximate) 1.05 |
| Melting point/freezing point (°C): 0°C (32°F) | Water Solubility: Complete |
| Initial boiling point and boiling range (°C): 100°C (212°F) | Partition coefficient: n-octane/water: Not determined |
| Flash point (°C): Not applicable | Auto ignition temperature (°C): Not applicable |
| Evaporation rate: (Approximate) 1.0 | Decomposition temperature (°C): Not determined |
| Flammability (solid, gas): Not combustible | Viscosity: Not determined |

9.2 Other Information

Section 10 Stability and Reactivity

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| 10.1 Reactivity: | Not determined |
| 10.2 Chemical stability: | The material is stable under normal use conditions. |
| 10.3 Possibility of hazardous reactions: | Product will not undergo hazardous polymerization |
| 10.4 Conditions to avoid: | Excessive heat, protect from frost, exposure to moisture. |
| 10.5 Incompatible materials: | Not determined |
| 10.6 Hazardous decomposition products: | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |

Section 11 Toxicological Information

11.1 Information on Toxicological Effects

| Endpoint | Data |
|-------------------------|----------------------|
| Eye Effects | Minimally Irritating |
| Skin Effects | Midly Irritating |
| Dermal LD ₅₀ | No data available |

| Endpoint | Data |
|-----------------------------------|---|
| Inhalation LC ₅₀ | No data available |
| Oral LD ₅₀ | No data available |
| Acute Effects from Overexposure | This product has low acute oral, dermal, and inhalation toxicity. It is mildly irritating to the skin, eyes, mucous membranes, and respiratory tract. |
| Chronic Effects from Overexposure | No data available |
| Chronic Toxicity | This material does not contain any substances that are considered by OSHA, NTP, LARC, or ACGIH to be "probable" or "suspected" human carcinogen |
| Reproductive toxicity | No data available |
| STOT-SE | No data available |
| STOT-RE | No data available |

Section 12
Ecological Information

12.1 Toxicity

| | |
|-------------------------------------|-------------------|
| Fish | No data available |
| Daphnia and other aquatic organisms | No data available |

12.2 Persistence and Degradability

This product is biodegradable

12.3 Bioaccumulative Potential

No data available.

12.4 Mobility in Soil

No data available.

12.5 Results of PBT and vPvB Assessment

No data available.

12.6 Other Adverse Effects

None known.

Section 13 Disposal Considerations

Waste Disposal Information: An acceptable method of disposal is to burn in an incinerator in accordance with all local, state, and federal environmental laws, rules and regulations, standards and other requirements. The appropriate regulatory agencies should be contacted prior to disposal.

Container Handling and Disposal: Any containers or equipment used should be decontaminated immediately after use.

Section 14 Transport Information

Shipping Description

This material is NOT REGULATED as hazardous material for either domestic or international transport by any mode.

Required Labels

NOT REGULATED for shipping, no transport labels required.

Environmentally Hazardous Substance

This material is NOT classified as an environmentally hazardous substance.

Section 15 Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Mixture

FEDERAL REGULATIONS

Inventory Issues: The components of this product are listed in the US EPA's Initial Inventory of the **Toxic Substance Control Act (TSCA)**.

SARA Title III Hazard Classes:

Fire Hazard: No **Reactive Hazard:** No
Release of Pressure: No **Acute Health Hazard:** Yes
Chronic Health Hazard: No

STATE REGULATIONS

This material does not contain any components that are regulated under **California Proposition 65**.

This product complies with **US Coalition of Northeast Governors (CONEG)**. The sum of the heavy metals Lead, Cadmium, Mercury and Hexavalent Chromium is less than 100 ppm.

CHEMICAL INVENTORY STATUS

United States (TSCA): Yes

Canada (DSL): Yes

Canada (NDSL): No

Europe (EINECS): Yes

Australia (AICS): Yes

New Zealand (HSNO): No

Japan(ENCS): Yes

South Korea(ECL): Yes

Philippines (PICCS): Yes

Section 16

Other Information, Including Date of Preparation or Last Revision

16.1 Indication of Changes

Date of preparation or last revision: May 29, 2015

DISCLAIMER:

This SDS has been prepared in accordance with the Hazard Communication Rule 29 CFR 1910.1200. Information herein is based on data considered to be accurate as of date prepared. No warranty or representation, express or implied, is made as to the accuracy or completeness of this data and safety information. No responsibility can be assumed for any damage or injury resulting from abnormal use, failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.