

Material Safety Data Sheet

Date of Preparation: 03/92

STEAMBOAT I

Revision: 03/16/09

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: STEAMBOAT I

Chemical Formula:

CAS Number:

Other Designations:

General Use:

Manufacturer: MIRANDY PRODUCTS, LLC., 1078 GRAND AVENUE, S. HEMPSTEAD, NY 11550

(516) 489-6800

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†Sec. 8

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
POTASSIUM HYDROXIDE	1310-58-3	

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
POTASSIUM HYDROXIDE	2mg [^] m3	2mg [^] m3	2mg [^] m3	2mg [^] m3			

Health Rating: I Flammability: 0 Reactivity: 0 Personal Protection: B

Toxicity Data:

Section 3 - Physical and Chemical Properties

Physical State:

Appearance and Odor: Red liquid, characteristic detergent odor

Odor Threshold:

Vapor Pressure As water

Vapor Density (Air=1): N/A

Formula Weight:

Density:

Specific Gravity (H₂O=1, at 4 °C): 1.06

pH:

Water Solubility: Complete

Other Solubilities:

Boiling Point: 211F

Freezing/Melting Point: N/A

Viscosity:

Refractive Index:

Surface Tension:

% Volatile:

Evaporation Rate: As water

Section 4 - Fire-Fighting Measures

Flash Point:

Flash Point Method: None

Autoignition Temperature:

LEL:

UEL:

Flammability Classification:

Extinguishing Media: Standard Method – Water, CO₂

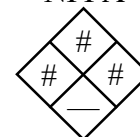
Unusual Fire or Explosion Hazards: None

Hazardous Combustion Products:

Fire-Fighting Instructions: Not flammable or corrosive

Fire-Fighting Equipment:

NFPA



Section 5 - Stability and Reactivity

Stability: Stable

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: Do not mix with unknown chemicals, acids, aluminum, zinc or soft metals.

Conditions to Avoid:

Hazardous Decomposition Products: N/A

Section 6 - Health Hazard Information

Potential Health Effects

Primary Entry Routes:

Target Organs:

Acute Effects

Inhalation: No

Eye:

Skin: Yes

Ingestion: Yes

Carcinogenicity: No

Medical Conditions Aggravated by Long-Term Exposure: None known.

Chronic Effects:

Emergency and First Aid Procedures

Inhalation:

Eye Contact: If there is eye contact, wash eyes with eye wash and get medical attention.

Skin Contact: In case of skin contact, flush with large amounts of water until skin is completely clean. If irritated, get medical attention.

Ingestion: If ingested, do not induce vomiting. Get medical attention.

Note to Physicians:

Special Precautions/Procedures: Rinse areas well and get medical attention.

Section 7 - Spill, Leak, and Disposal Procedures

Spill /Leak Procedures: Neutralize with mild acid and dispose as detergent waste.

Small Spills:

Large Spills:

Containment:

Cleanup:

Regulatory Requirements:

Disposal: Neutralize with mild acid to pH of 7. Dispose of as normal detergent waste according to federal, state, and local authorities.

Disposal Regulatory Requirements:

Container Cleaning and Disposal:

Ecological Information:

Precautions for Storing and Handling:

Other Precautions:

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Local Exhaust: adequate; Mechanical Exhaust: permissible

Administrative Controls:

Respiratory Protection: Not required.

Protective Clothing/Equipment: Wear any OSHA approved gloves for alkaline detergent. Wear goggles.

Safety Stations: Eye wash facilities should be accessible.

Contaminated Equipment: Launder contaminated clothing before reuse. Wash hands after use.

Comments: