



**SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT IDENTIFIER: STAN-MIX™ HMT/70**

**Other means of identification**

**Product Description:** 70% Hexamethylenetetramine Dispersed in Naphthenic Oil

**Recommended Restrictions:** Do not use for any other purpose than what is intended.

**Supplier information:**

**Manufactured for and supplied by:**

**Supplier:** Harwick Standard Distribution Corporation

**Supplier Address:** 60 S. Seiberling Street, Akron, OH 44305

**Contact:** Health, Safety & Environment

**Telephone:** 330-798-9300

**Website:** [www.harwickstandard.com](http://www.harwickstandard.com)

**SECTION 2 – HAZARD(S) IDENTIFICATION**

**Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS):**

This material is classified as hazardous under OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Label Elements:**



**Hazard symbol:**

**Signal word:**

Warning

**Hazard Statements:**

May cause an allergic skin reaction.

**Precautionary Statements:**

**Prevention:**

Avoid breathing mist/vapors. Use in well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.



**Response:**

IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice/attention.  
Wash contaminated clothing before reuse.

**Disposal:**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC):** None known

**Supplemental information:** None

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

**Substance/Mixture:** Mixture

**Components Chemical Identity** **CAS Number** **Weight%/Typical**

Components Chemical Identity	CAS Number	Weight%/Typical
Hexamine	100-97-0	<=70
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	<=30

**SECTION 4 – FIRST AID MEASURES**

**Eye contact:** Wash and rinse eyes with plenty of water. If irritation persists, get medical advice/attention.

**Inhalation:** Remove person to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if symptoms develop or persist.

**Skin contact:** Remove contaminated clothing. Wash affected skin with plenty of soap and water. If irritation develops and persists, seek medical attention.

**Ingestion:** Rinse mouth. Seek medical advice if you feel unwell. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

**Most important symptoms/effects, acute and delayed:**

May cause an allergic skin reaction.

**Indication of immediate medical attention and special treatment needed:**

Treat symptomatically.



## SECTION 5 – FIRE FIGHTING MEASURES

**Suitable extinguishing method:** Water fog, foam, dry chemical powder, carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing method:**

Do not use high-pressure water streams/water jet, as this will spread the fire.

**Specific hazards arising from chemical:** Water contaminated with this material must be contained and prevented from discharge to the environment. During fire, gases hazardous to health may be formed. Exposure to decomposition products may cause health hazard.

**Special firefighting equipment and precautions for firefighters:** Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

**Firefighting equipment/instructions:** Use water spray to cool unopened containers.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Keep unnecessary personnel away from spill. Wear appropriate personal protective equipment recommended in Section 8 of the SDS. Avoid breathing vapors.

**Methods and materials for containment and cleaning up:**

Prevent further leakage or spillage if can be done without risk. Contain and collect spillage and place in appropriate container for proper disposal. Do not allow to enter into drains, water courses or onto ground.

**Environmental precautions:** Avoid release to the environment.

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:**

Good hygienic practices should be observed. Ensure good ventilation at the workplace. Avoid contact with eyes or skin. Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition.

**Conditions for safe storage, including any incompatibilities:**

Store closed containers in a cool, dry, well-ventilated area away from incompatible materials (See Section 10) and direct sunlight. Keep away from heat, sparks, open flame and other sources of ignition.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits:**



Component Name	CAS #	ACGIH	NIOSH	OSHA
Hexamine	100-97-0	TWA: 1 mg/m <sup>3</sup> - inhalable		
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	TWA: 5 mg/m <sup>3</sup> - inhalable	Ceiling: 1800 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> - mist TWA: 5 mg/m <sup>3</sup> - mist	PEL: 5 mg/m <sup>3</sup> - mist

**Appropriate engineering controls:** Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Ensure good ventilation at the work station. Eliminate ignition sources.

**Individual protection measures, such as personal protective equipment:**

**Eye/face protection:** Wear safety glasses with side shields.

**Skin protection:**

**Hand protection:** Wear appropriate chemical resistant protective gloves.

**Other protection:** Wear appropriate protective clothing.

**Respiratory protection:** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Additional Information:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

**Appearance/Physical Form:** Paste  
**Color:** White to yellow white  
**Odor:** Slight petroleum  
**Odor threshold:** Not available  
**Softening Point:** Not available  
**pH:** Not available



<b>Initial Boiling Point/Range:</b>	Not available
<b>Flash Point:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Explosion Limits (LEL/UEL):</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Density:</b>	10.63 lbs per gallon (Calculated)
<b>Specific Gravity:</b>	1.27 (Calculated)
<b>Molecular weight (GPC, Mw):</b>	Not available
<b>Solubility (water):</b>	Semi-soluble
<b>Partition Coefficient: (n-octanol/water)</b>	Not available
<b>Auto-ignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Minimum Explosive Concentration:</b>	Not available
<b>KSt-value (bar x m/s):</b>	Not available
<b>VOC:</b>	Not available

## SECTION 10 - STABILITY & REACTIVITY

**Reactivity:** Product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability:** Material is stable under use and storage conditions recommended in Section 7.

**Possibility of hazardous reactions:** No hazardous reactions known under normal handling conditions.

**Conditions to avoid:** Heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

**Incompatible materials:** Strong oxidizing agents, strong alkalis, strong acids phenol and hydrochloric acid.

**Hazardous decomposition products:** Carbon monoxide, carbon dioxide and low molecular weight hydrocarbons.

## SECTION 11 - TOXICOLOGICAL INFORMATION

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components comprising the mixture.

### Information on toxicological effects



**Acute Toxicity:**

Hexamine, CAS No. 100-97-0

LD50 Oral - Rat - >20000 mg/kg

LD50 Dermal - Rat - >2000 mg/kg

<b>Skin Corrosion/Irritation:</b>	Not classified
<b>Serious Eye Damage/Irritation:</b>	Not classified
<b>Respiratory or Skin Sensitization:</b>	May cause an allergic skin reaction.
<b>Germ cell Mutagenicity:</b>	Not classified
<b>Carcinogenicity:</b>	Not classified
<b>Reproductive toxicity:</b>	Not classified
<b>Specific target organ toxicity-single exposure:</b>	Not classified
<b>Specific target organ toxicity-repeated exposure:</b>	Not classified
<b>Aspiration hazard:</b>	Not an aspiration hazard.

**Information on likely routes of exposure:**

<b>Eye contact:</b>	Airborne particles can be absorbed into eye and transported to other parts of body.
<b>Inhalation:</b>	Vapors, gases, mists or airborne particles.
<b>Skin contact:</b>	Direct contact with skin which can be absorbed into the blood stream.
<b>Ingestion:</b>	Inadvertent consumption.

**Symptoms related to the physical, chemical and toxicological characteristics:**

Skin contact may cause an allergic reaction. Contact with eyes may cause irritation. May cause gastrointestinal discomfort if swallowed.

**Delayed and immediate effects and also chronic effects from short and long term exposure:**

Not available

**SECTION 12 - ECOLOGICAL INFORMATION**

**Ecotoxicity:**



Component Name	CAS #	Fish	Aquatic Invertebrates	Algae
Hexamine	100-97-0	LC50 - Cyprinodon variegatus - 49 g/l	EC50 - Crustacea - 36 g/l	

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Other adverse effects:** No data available

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Disposal Methods:** Dispose of sealed containers via a licensed waste disposal site and in accordance with all applicable federal, state and local regulations.

**Disposal of Contaminated Packaging:** Dispose of contents and container in accordance with federal, state and local regulations. Empty containers or liners may retain product residue and material and container must be disposed of in a safe manner. Empty containers should be taken to an approved waste handling site for proper disposal.

## SECTION 14 - TRANSPORTATION INFORMATION

**U.S. DOT Classification:** Not regulated for DOT transportation.

## SECTION 15 - REGULATORY INFORMATION

**U.S. Federal:**

**EPA TSCA Status:**

All components of this product are listed as Active or exempt from listing on the TSCA Inventory.

**SARA Section 311/312 Hazard Classes:** None.

This material is classified as hazardous under OSHA Hazard Communication Standard 29 CFR 1910.1200.

**SARA Section 313-Toxic Chemicals**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372: None known.



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**California Proposition 65:** This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### SECTION 16 - OTHER INFORMATION

**Issue date:** 05-22-2024

**Version #:** 01

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