

## Material Safety Data Sheet

Revision Issued: 1/12/2009    Supercedes: 5/04/2005    First Issued: 5/04/2005

### Section I - Chemical Product And Company Identification

**Product Name: HB-40P**

CAS Number: N/A

HBCC MSDS No. CW02529



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### Section II - Composition/Information On Ingredients

Chemical Name	CAS Number	%	Exposure Limits (TWAs) in Air		
			ACGIH TLV	OSHA PEL	STEL
2-Propenoic acid, sodium salt, polymer with 2-propenamide	25085-02-3	Major	N/A	N/A	N/A

### Section III - Hazard Identification

**Routes of Exposure:** This product is irritating to the eyes, respiratory system and skin.

**Summary of Acute Health Hazards**

**Ingestion:** Low toxicity.

**Inhalation:** Dusts of this product may cause irritation of the nose, throat and respiratory tract.

**Skin:** May cause slight irritation.

**Eyes:** Contact with eyes may cause irritation.

**Summary of Chronic Health Hazards:** N/A

**Medical Conditions Generally Aggravated by Exposure:** May aggravate medical conditions such as rashes, allergies or other sensitive areas. Symptoms may include reddening, swelling of affected areas with possible itching, burning or other discomfort.

**Note to Physicians:** N/A

### Section IV - First Aid Measures

**Ingestion:** If ingestion of a large amount does occur, seek medical attention.

**Inhalation:** Move victim to fresh air. Consult physician regarding any continued discomfort.

**Skin:** Flush thoroughly with plenty of water.

**Eyes:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek immediate medical attention.

## Section V - Fire Fighting Measures

**Flash Point:** N/A

**Autoignition Temperature:** Not Defined

**Lower Explosive Limit:** Not Defined    **Upper Explosive Limit:** Not Defined

**Unusual Fire and Explosion Hazards:** On thermal decomposition, oxides of carbon and nitrogen may be formed. Dust in sufficient concentration may result in explosive mixture in air.

**Extinguishing Media:** Dry chemical, foam, carbon dioxide, water fog

**Special Firefighting Procedures:** Caution where wet conditions exist. Product becomes slippery when wet. Pedestrian and vehicular traffic must proceed with caution.

## Section VI - Accidental Release Measures

Shovel material into appropriate container for disposal. Product becomes slippery and difficult to handle when wet; spills are best handled while still dry. Sweep-up and collect dry product. Absorb wet product with vermiculite or other inert material, then wash area to waste treatment to eliminate slip hazard. Proceed in compliance with local, state and federal regulations.

## Section VII - Handling and Storage

Store in cool, dry location. Keep container closed. Practice good personal hygiene to reduce potential exposure. Launder clothing frequently. Wash hands after handling and before eating. Handle as an irritant.

## Section VIII - Exposure Controls/Personal Protection

**Respiratory Protection:** Not required under normal operating conditions. Use a nuisance dust mask for dusty conditions.

**Ventilation:** Provide adequate ventilation to minimize worker exposure.

**Protective Clothing:** Skin contact should be minimized. Impervious gloves (rubber or neoprene) are recommended.

**Other Protective Clothing or Equipment:** Safety glasses or goggles

**Work/Hygienic Practices:** Wash hands thoroughly with soap and water before eating, drinking, smoking or using toilet facilities. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

## Section IX - Physical and Chemical Properties

**Physical State:** Solid

**PH (1% Solution):** 5-7

**Melting Point/Range:** N/A

**Boiling Point/Range:** N/A

**Appearance/Color/Odor:** White granular powder, odorless

**Solubility in Water:** Solubility, limited by viscosity

**Vapor Pressure (mmHg):** N/A

**Specific Gravity (Water = 1):** N/A

**Molecular Weight:** N/A

**Density (Air = 1):** N/A

**% Volatiles:** N/A

**Evaporation Rate, (Bu-Ac = 1):** N/A

**How to detect this compound :**  
N/A

**Bulk Density:** 44 lbs./ft<sup>3</sup>

## Section X - Stability and Reactivity

**Stability:** Stable under usual application conditions

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Avoid wet and humid conditions

**Materials to Avoid:** None Identified

**Hazardous Decomposition Products:** N/A

## Section XI - Toxicological Information

Eye and skin irritant. May aggravate existing conditions such as rashes, allergies or other sensitive areas. Symptoms may include reddening, swelling of affected areas with possible itching, burning or other discomfort.

LD50 Mouse: > 5000 mg/kg (5% Solution)

## Section XII - Ecological Information

N/A

## Section XIII - Disposal Considerations

Incinerate or dispose of unadulterated product as a non-hazardous waste. Solidify and landfill according to local state and federal regulations. Contain and collect using absorbent material as needed. Flush residuals to drain for normal biological treatment. Place collected material into suitable containers for proper disposal.

## Section XIV - Transport Information

**DOT Proper Shipping Name:** N/A

**DOT Hazard Class/ I.D. No.:** N/A

## Section XV - Regulatory Information

**Reportable Quantity:** N/A

**NFPA Rating:** Health - 1; Flammability - 1; Instability - 0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

**Carcinogenicity Lists:** No **NTP:** No **IARC Monograph:** No **OSHA Regulated:** No

## Section XVI - Other Information

**Synonyms/Common Names:** N/A

**Chemical Family/Type:** N/A

**Sections changed since last revision:** IX, XI

**IMPORTANT!** Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This MSDS has been prepared according to the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, [Hill Brothers Chemical Company](#) makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions for protection of employees and others.