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read this
Hank George



HANGSTERFER'S
Laboratory Equipment Manufacturers and Suppliers

Material Safety Data Sheet

Prepared according to OSHA Hazard Communication Standard (29 CFR 1910.1200) and ANSI MSDS Standard (Z400.1).
Complies with Canadian Workplace Hazardous Materials Information System (WHMIS) standards.

Validation Date 03-10-2010

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Foam Block
Product Code 812
Material Uses Defoamer
Manufacturer Hangsterfer's Laboratories, Inc., 175 Ogden Road, Mantua, NJ 08051; Phone 856-468-0216, Fax 856-468-0200, Website: www.hangsterfers.com
Emergency Telephone Number Chemtrec 1-800-424-9300 in US
Canutec 1-613-996-6666 in Canada
For international assistance, dial Chemtrec US number 1-703-527-3887

2. HAZARDS IDENTIFICATION

Acute Health Effects

Skin
Eye
Inhalation
Ingestion

Not expected to be a primary skin irritant.
Avoid contact with eyes. May cause slight irritation.
Not expected to present a hazard under normal use conditions.
No known effect

HMIS **Health Hazard** 1
 Fire Hazard 1
 Physical Hazard 0

NFPA **Health Hazard** 1
 Fire Hazard 1
 Reactivity 0

Chronic Health Effects No known effect

Chronic Toxicity No known effect

Carcinogenic Effects None known

Aggravated Medical Conditions None known

Miscellaneous Hazards Avoid prolonged and/or repeated contact with skin. Prolonged and/or repeated contact with this material may produce mild skin irritation or inflammation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

If any of the components of this product are defined as hazardous by OSHA Hazard Communication Standard 1910.1200 and are present at 1% or more (0.1% or more for carcinogens) they will be listed in this section. If no components appear in this section, no components of the product meet or exceed the reporting requirements. OSHA PELs and ACGIH TLVs refer to the concentration in air of the specific chemical as measured by specific analytical methods.

4. FIRST AID MEASURES

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Skin Contact Wash skin with soap and water. Consult a physician if necessary.

Inhalation Move to fresh air. Consult a physician if necessary.

Ingestion

Do not induce vomiting. Drink plenty of water. Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES

Flammable Properties

Material may burn but does not ignite readily.

Suitable Extinguishing Media

Water spray or fog, dry chemical, carbon dioxide (CO₂) or foam. Cool containers with flooding quantities of water until well after fire is out.

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

Hazardous Combustion Products

Carbon oxides

Specific Hazards Arising from the Chemical

May be ignited by heat, sparks or flames. Keep product and empty container away from heat and sources of ignition.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with skin, eyes and clothing Use personal protective equipment

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Clean-up

Use personal protective equipment. Sweep up and shovel into suitable containers for disposal.

Other Information

Report spills as required to the appropriate authorities.

7. HANDLING AND STORAGE

Handling

Avoid contact with eyes. Keep in a well ventilated place. Do not puncture, crush or incinerate containers.

Storage

Keep container tightly closed in a dry and well ventilated place. Keep away from direct sunlight. Keep away from heat and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Eye/face Protection

Safety glasses with side-shields.

Skin Protection

Use protective gloves and clothing if contact with product is likely.

Respiratory Protection

If personal exposure levels cannot be maintained below accepted exposure limits, NIOSH/MSHA approved respiratory protection should be worn.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

White.

Odor

Mild.

Physical State

Solid.

pH (10% soln/water)

8.0

Foam Block

Flash Point (COC)	250°C / 482°F	Boiling Point/Range	No data available.
Melting Point/Range	No data available.		
Specific Gravity (Water=1)	1.01	Solubility In Water	Soluble.
Vapor Pressure	Not determined.	Vapor Density (Air=1)	Not determined.
VOC Content, % Vol	Not determined.	Volatility	Not determined.

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Keep away from open flames, hot surfaces and sources of ignition.
Incompatible Materials	Acids. Incompatible with oxidizing agents. Alkalines.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

This section relates to available toxicology information on the complete product. Information on components classified as hazardous is listed in Section 3.

Acute Toxicity LD50 Oral:	> 5000 mg/kg (rat, predicted based on data on components).
Irritation	Not expected to be a primary eye or skin irritant. Based on data on components.
Corrosivity	Not expected to be corrosive. Based on data on components.
Sensitization	None known
Chronic Toxicity	No known effect
Carcinogenicity	This product contains no ingredients with a concentration of 0.1% or more which are known to be carcinogenic.
Other Adverse Effects	None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Ecotoxicity and biodegradability of this complete mixture have not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water and should not be considered readily biodegradable. If information is available on any of the individual components listed in Section 3, it will appear in a table below.
Persistence/Degradability	No additional remarks.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of in accordance with Federal, state and local regulations.
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14. TRANSPORT INFORMATION

DOT	Not regulated.	TDG	Not regulated.	MEX	Not regulated.
ICAO	Not regulated.	IATA	Not regulated.	IMDG/IMO	Not regulated.
RID	Not regulated.	ADR	Not regulated.	ADN	Not regulated.

15. REGULATORY INFORMATION

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U.S. Regulations & Inventories No regulatory requirements found. All components of this product are either listed on the TSCA inventory or are exempt from listing requirements.

Canada Regulations & Inventories No regulatory requirements found. All components of this product are either listed on applicable inventories or are exempt from listing requirements.

This product has been classified in accordance with the hazard criteria of the Canadian CPR (Controlled Products Regulations) and the MSDS contains all the information required by the CPR.

Product Classification: Not hazardous

16. OTHER INFORMATION

Regulatory Lists Searched & Other Sources of Information

ACGIH - American Conference of Governmental Industrial Hygienists

ADN - European Agreement for International Carriage of Dangerous Goods by Inland Waterways

ANSI - American National Standards Institute

CAS - Chemical Abstract Services

CHINA - China Inventory

DOT - United States Department of Transportation

EINECS - European Union (EU) European Inventory of Existing Commercial Chemical Substances

IARC - International Agency for Research on Cancer

ICAO - International Civil Aviation Organization

MARTK - Massachusetts Right To Know List

NFPA - United States National Fire Protection Association

NJRTK - New Jersey Right To Know List

OSHA - United States Occupational Safety & Health Administration

PICCS - Philippines Inventory of Chemicals and Chemical Substances

RID - European Agreement for International Carriage of Dangerous Goods by Rail

SARA - United States Superfund Amendments & Reauthorization Act

TSCA - US Toxic Substances Control Act

AICS - Australian Inventory of Chemical Substances

ADR - European Agreement for International Carriage of Dangerous Goods by Road

CAP65 - California Proposition 65 Hazard List

CERCLA - Comprehensive Environmental Response, Compensation & Liability Act

CPR - Canadian Controlled Products Regulations

DSL - Canada Domestic Substances List

ENCS - Japan Existing and New Chemical Substances

IATA - International Air Transport Association

IMDG - International Maritime Dangerous Goods Code

NDSL - Canada Non-Domestic Substances List

NIOSH - United States National Institute for Occupational Safety & Health

NTP - United States National Toxicology Program

PARTK - Pennsylvania Right To Know List

RCRA - United States Resources Conservation & Recovery Act

RIHSL - Rhode Island Hazardous Substance List

TDG - Canada Transportation of Dangerous Goods Act

WHMIS - Canada Workplace Hazardous Materials Information System

Definitions

EC50 - Effective Concentration (Concentration of a compound where 50% of the expected effect is observed.)

LC50 - Lethal Concentration (The concentration in water that will kill 50% of the test animals within a specific period of time, usually 96 hours.)

LD50 - Lethal Dose (The single dose that will kill 50% of the test animals by any route other than inhalation such as by ingestion or skin contact.)

OEL - Occupational Exposure Limit

PEL - Permissible Exposure Limits

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

TWA - Time Weighted Average

TWAEV - Time Weighted Average Exposure Value

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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End of MSDS