Material Safety Data Sheet

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SECTION 1 - Chemical Product & Company Identification

Product Name	Polyethylene glycol 6,000 (FLAKE)
Product Number	HR2-513
Company	Hampton Research
Street Address	34 Journey
City, State, Zip, Country	Aliso Viejo, CA 92656-3317 USA
Technical Phone	949 425 1321
Fax	949 425 1611
Emergency Phone	949 425 1321
For **CHEMTREC** Assistance, call:	800 424 9300
For International **CHEMTREC** Assistance, call:	703 527 3887

SECTION 2 - Composition / Information on Ingredient

Substance Name	Synonym	Formula	MW	CAS #	EC #
Polyethylene glycol 6,000	• PEG 6,000	$H(OCH_2CO_2)_nOH$	5,000 - 7,000	25322-68-3	500-038-2

RTECS	Merck	Beilstein	SARA
TQ4105000	13,7651	N/A	No

SECTION 3 - Hazards Identification

EMERGENCY OVERVIEW

- OSHA Hazards
  - No known OSHA hazards

HMIS CLASSIFICATION

HEALTH HAZARD: 0
FLAMMABILITY: 0
PHYSICAL HAZARDS: 0

(CONTINUED) SECTION 3 - Hazards Identification

NFPA RATING

HEALTH HAZARD: 0
FIRE: 0
REACTIVITY HAZARD: 0

POTENTIAL HEALTH EFFECTS

- INHALATION: May be harmful if inhaled. May cause respiratory tract irritation.
- SKIN: May be harmful if absorbed through skin. May cause skin irritation.
- EYES: May cause eye irritation.
- INGESTION: May be harmful if swallowed.

For additional information on toxicity, please refer to **SECTION 11**.

SECTION 4 - First Aid Measures

GENERAL ADVICE

- Consult a physician.
- Show this safety data sheet to the doctor in attendance.

ORAL EXPOSURE

- Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
- Rinse mouth with water.
- Consult a physician.

INHALATION EXPOSURE

- If inhaled, remove to fresh air. If not breathing give artificial respiration.
- If breathing is difficult, GIVE OXYGEN.
- Consult a physician.

DERMAL EXPOSURE

- Take off contaminated clothing and shoes immediately.
- Wash off with soap and plenty of water.
- Consult a physician.

EYE EXPOSURE

- In case of contact with eyes, flush with copious amounts of water for at least 15 minutes.
- Assure adequate flushing by separating the eyelids with fingers.
- Consult a physician.

SECTION 5 - Fire Fighting Measures

FLASH POINT

- N/A

AUTOIGNITION TEMPERATURE

- N/A

EXTINGUISHING MEDIA

- Suitable: Use water spray, alcohol-resistant foam, dry chemical powder, or carbon dioxide.

FIREFIGHTING

- Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6 - Accidental Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTIONS

- Use personal protective equipment.
- Avoid dust formation.
- Avoid breathing dust.
- Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

- Do not let product enter drains.

METHODS FOR CLEANING UP

- Pick up and arrange disposal without creating dust. Sweep up and shovel.
- Keep in suitable, closed containers for disposal.
- Ventilate area and wash spill site after material pickup is complete.

SECTION 7 - Handling & Storage

HANDLING

- User Exposure
  - Avoid formation of dust and aerosols.
  - Provide appropriate exhaust ventilation at places where dust is formed.
  - Normal measures for preventative fire protection.

STORAGE

- Suitable
  - Keep container tightly closed in a dry and well-ventilated place.
  - Keep in a dry place.

SECTION 8 - Exposure Controls / PPE

ENGINEERING CONTROLS

- Contains no substances with occupational exposure limit values.

PERSONAL PROTECTIVE EQUIPMENT

- Respiratory: Respiratory protection is not required. Where protection from nuisance levels of dust are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- Hand: Handle with gloves.
- Eye: Safety glasses

GENERAL HYGIENE MEASURES

- Handle in accordance with good industrial hygiene and safety practice.
- Wash thoroughly after handling.

SECTION 9 - Physical / Chemical Properties

APPEARANCE	**COLOR:**	**White**
	FORM:	**Solid**

PROPERTY	**VALUE**	**AT TEMPERATURE OR PRESSURE**
Molecular Weight	N/A	
pH	N/A	
BP / BP Range	N/A	
MP / MP Range	N/A	
Flash Point	N/A	
Ignition Temperature	N/A	
Lower Explosion Limit	N/A	
Upper Explosion Limit	N/A	
Vapor Pressure	N/A	
Density	N/A	
Water Solubility	N/A	

N/A = NOT AVAILABLE

SECTION 10 - Stability & Reactivity

STABILITY

- Stable under recommended storage conditions.

(CONTINUED) SECTION 10 - Stability & Reactivity

MATERIAL TO AVOID

- Materials to Avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

- Formed under Fire Conditions.
  - Carbon oxides.

HAZARDOUS POLYMERIZATION

- N/A

SECTION 11 - Toxicological Information

ACUTE TOXICITY

- N/A

IRRITATION AND CORROSION

- N/A

SENSATION

- N/A

CHRONIC EXPOSURE

- IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SIGNS & SYMPTOMS OF EXPOSURE

- To the best of our knowledge, the chemical, physical, and toxicological properties have NOT been thoroughly investigated.

POTENTIAL HEALTH EFFECTS

- INHALATION: May be harmful if inhaled. May cause respiratory tract irritation.
- SKIN: May be harmful if absorbed through skin. May cause skin irritation.
- EYES: May cause eye irritation.
- INGESTION: May be harmful if swallowed.

SECTION 12 - Ecological Information

ELIMINATION INFORMATION (PERSISTENCE AND DEGRADABILITY)

- N/A

ECOTOXICITY EFFECTS

- N/A

FURTHER INFORMATION ON ECOLOGY

- No data available.

SECTION 13 - Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

- Contact a licensed professional waste disposal service to dispose of this material.
- Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burner and a scrubber.
- Observe all federal, state, and local environmental regulations.

CONTAMINATED PACKAGING

- Dispose of as unused product.

SECTION 14 - Transportation Information

DOT (US)

- Not dangerous goods.

IMDG

- Not dangerous goods.

IATA

- Not dangerous goods.

SECTION 15 - Regulatory Information

OSHA HAZARDS

- No known OSHA hazards

TSCA STATUS

- On TSCA inventory

DSL STATUS

- All components of this product are on the Canadian DSL list.

(CONTINUED) SECTION 15 - Regulatory Information

SARA 302 COMPONENTS

- SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 COMPONENTS

- SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 HAZARDS

- No SARA Hazards

MASSACHUSETTS RIGHT TO KNOW COMPONENTS

- No Components Listed

PENNSYLVANIA RIGHT TO KNOW COMPONENTS

- Polyethylene glycol: CAS-No: 25322-68-3 Revision Date:

NEW JERSEY RIGHT TO KNOW COMPONENTS

- Polyethylene glycol: CAS-No: 25322-68-3 Revision Date:

CALIFORNIA PROP. 65 COMPONENTS

- This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

SECTION 16 - Other Information

DISCLAIMER

- For R&D use only. Not for drug, household, or other use.

WARRANTY

- The above information is believed to be correct but does no purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of this product. Hampton Research Corp., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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