Section 1 - Product and Company Information

Product Name: HISTOPAQUE®-1077 Hydi-Max®
Product Number: 7889
Brand: Sigma Chemical
Company: Sigma-Aldrich
Street Address: 3800 Spruce Street
City, State, Zip, Country: SAINT LOUIS, MO 63103 US
Technical Phone: 314 771 5765
Fax: 800 326 5002
Emergency Phone: 414 273 3850 Ext. 5996

Section 2 - Composition/Information on Ingredient

Substance Name: HISTOPAQUE
CAS #: None
SARA 313: No
EC no: Annex I Index Number

Formula:
Synonyms:

Section 3 - Hazards Identification

Emergency Overview
Harmful
May cause sensitization by inhalation and skin contact.
Target Organ(s): Blood.
HMIS Rating
Health: 3* Flammability: 0 Reactivity: 0
NFPA Rating
Health: 3 Flammability: 0 Reactivity: 0
*additional chronic hazards present.
For additional information on toxicity, please refer to Section 11.

Section 4 - First Aid Measures

Oral Exposure
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation Exposure
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

Dermal Exposure
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Section 5 - Fire Fighting Measures

Autoignition Temp: N/A
Extinguishing Media
Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Firefighting
Protective Equipment
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s)
Emits toxic fumes under fire conditions.

Section 6 - Accidental Release Measures

Procedure(s) of Personal Precaution(s)
Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Methods for Cleaning Up
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

Handling
User Exposure
Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage
Suitable: Store tightly closed. Do not freeze. Store in a cool dry place. Store at 2-8°C

Section 8 - Exposure Controls / PPE

Engineering Controls
Mechanical exhaust required.

Personal Protective Equipment
Other: Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

General Hygiene Measures
Wash thoroughly after handling. Wash contaminated clothing before reuse.

Section 9 - Physical/Chemical Properties

Appearance
Physical State: Liquid

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Section 10 - Stability and Reactivity

Stability
- Stable
- Stable.
- Materials to Avoid
- Oxidizing agents.

Hazardous Decomposition Products
- Hazardous Decomposition Products
  - Oxidizing agents, Carbon dioxide, Sodium/sodium oxides, Nitrogen oxides, Hydrogen sulfide.

Hazardous Polymerization
- Hazardous Polymerization
  - Will not occur.

Section 11 - Toxicological Information

Route of Exposure
- Skin Contact
  - May cause skin irritation.
- Skin Absorption
  - May be harmful if absorbed through the skin.
- Eye Contact
  - May cause eye irritation.
- Inhalation
  - May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Inhalation
- May be harmful if swallowed.

Sensitization
- Respiratory
  - May cause allergic respiratory reaction.
- Skin
  - May cause allergic skin reaction.

Target Organ(s) or System(s)
- Blood

Signs and Symptoms of Exposure
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12 - Ecological Information

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.
- Directive or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Observe all federal, state, and local environmental regulations.

Section 14 - Transport Information

DOT
- Proper Shipping Name: None
- Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA
- Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15 - Regulatory Information

EU Additional Classification
- Symbol of Danger: Xn
- Indication of Danger
  - Harmful
- Risk Statements
  - R: 40/43
  - May cause sensitization by inhalation and skin contact.
- Safety Statements
  - S: 25 36/37 45
  - Do not breathe vapor. Wear suitable protective clothing and gloves. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

US Classification and Label Text
- Indication of Danger
  - Harmful
- Risk Statements
  - May cause sensitization by inhalation and skin contact.
- Safety Statements
  - Wear suitable protective clothing.
- US Statements
  - Target organ(s): Blood.

United States Regulatory Information
- SARA Listed: No
Section 16 - Other Information

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

Warranty
The above information is believed to be correct but does not 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 the product. Sigma-Aldrich Inc., 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. Copyright 2008 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.