

Material Safety Data Sheet

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Product Identification

Trade Names and Synonyms:	Lifesonic Iron test kit
Reagent Application area	Determination of Total Iron levels of water
Chemical Name and Family	Hydroxylamine hydrochloride, Sodium acetate, Acetic acid, 1-10 phenanthronine monohydrate
Formula	Mixture
CAS#	Not Applicable
DOT HazardClass/ID#/Label	Not Applicable
Report Quality	Not Applicable
NPCA-HMIS Hazard Index:	Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: C

Hazardous Ingredients/ Identity Information

Ingredient	% by weight	Exposure Limits
Acetic acid	10-40	None established

Physical/ Chemical Characteristics

Boiling Point	NA	Bulk Density	NA
Vapor Pressure (mmHg)	NA	% Volatiles	10%
Vapor Density (AIR-1)	NA	Evaporation Rate	NA
Solubility in Water	Soluble at room temp.	pH	3-6
Appearance and Odor	Transparent solution with no Odor		

Fire and Explosion Hazard Data

Flash Point	NA
Flammable Limits	NA
Extinguishing Media	NA

Reactivity Data

Stable	Yes
Conditions to Avoid	NA
Incompatibility (Materials to Avoid)	NA
Hazardous Decomposition or Byproducts	NA
Hazardous Polymerization	Will not Occur

Health Hazard Data

Inhalation	Vapors may be irritating to nose throat and respiratory tract producing symptoms of nausea in poor ventilated area. Remove subject to fresh air obtain medical Attention
Skin and Eye Contact	Slightly irritating to skin / Wash affected skin with soap / water and obtain medical attention Irritating to eyes / wash eyes with large amount of water for at least 15 minutes and obtain medical attention
Carcinogenicity	NA

Emergency and First Aid Procedures:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If irritation develops, see a physician. Wash Skin with soap and water promptly to remove dye and prevent possible irritation. If irritation develops, contact a physician. If swallowed in large amounts, include vomiting by giving 2 glasses of water to drink and sticking finger down throat. Call a physician. Never give anything by mouth to an unconscious person. If inhaled, get fresh air, If symptoms of irritation develop, contact a physician.

Precautions for safe handling and Use

Warning Statements
 "Since the product is non-hazardous, no uncommon handling procedures are required."
Precautionary Measures:
 Avoid contact with eyes and skin
 Wash thoroughly after handling
 Keep out of the reach of children.

Steps to be taken in case Material is Released or Spilled

Prevent product from entering drinking water supply.
 Observe above precautions. Sweep into dry containers, recycle or remove for disposal.

Waste Disposal Method

According to US EPS waste of this material is not defined as hazardous. Dispose of all waste in accordance with applicable regulations. Consult state and local regulations to determine If their hazardous waste definitions differ from the US EPA.

Control Measures

Respiratory protection (specify type): Not required, dust or fumes will not form.

Ventilation

Local exhaust	Not generally required
Mechanical	Not generally required
Special	NA
Other	NA

Protective Gloves: Recommended always, while using the product.

Eye protection: Recommended, wear a while glassed goggle while using the product

Protective clothing: Recommended, wear a standard lab apron, While using the product

Work/Hygienic Practices : Note precautions above

Note- Lifesonic is not responsible for unexpected results due to mishandling or wrong storage conditions.

For any sales or technical related enquiry contact...

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