

Material Safety Data Sheet

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Product Identification

| | |
|-----------------------------------|---|
| Trade Names and Synonyms: | Lifesonic Dissolved Oxygen test kit |
| Reagent Application area | Determination of DO levels of water |
| Chemical Name and Family | Potassium iodide, Potassium hydroxide, Manganese(II) sulphate |
| Formula | Mixture |
| CAS# | Not Applicable |
| DOT Hazard Class/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 |
|---------------------|-------------|------------------|
| Potassium Hydroxide | 1-8 | None established |
| KI | 1-8 | 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 | 7-9 |
| 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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