

Material Safety Data Sheet

REF ESSENTIALS IODINE

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Section 1: Ingredients

Potassium Iodide

Section 2: Physical data

Appearance: Clear Liquid

Section 3: First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes occasionally lifting the upper and lower lids. Get medical aid

Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

Inhalation: Remove from exposure to fresh air immediately. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear

Section 4: Hazard Data

Eye: causes eye irritation

Skin: May cause skin irritation

Ingestion: Causes gastrointestinal irritation with nausea, vomiting and diarrhea

Inhalation: May cause respiratory tract irritation

Section 5: Accidental Release Measures

General information: Use proper personal protective equipment as indicated

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposable container.

Section 6: Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation

Storage: Store in a cool, dry, well ventilated area away from incompatible substances

Section 7: Exposure controls, Personal Protection

Use adequate ventilation to keep airborne concentrations low.

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in CFR 1910.133

Skin: Wear appropriate protective gloves to prevent skin exposure

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Section 8: Toxicological Information

Carcinogenicity: Potassium Chloride – not listed by ACHIH, IARC, NIOSH NTP, or OSHA.

Epidemiology: no data available

Teratogenicity: Iodine can cause deformity, illness, and death of a fetus.

Reproductive Effects: no data available

Neurotoxicity: no data available

Mutagenicity: no data available

Section 9: Ecological Information

Ecotoxicity: This chemical is expected to cause little oxygen depletion in aquatic situations. This chemical has a moderate potential to affect aquatic organisms.

Environmental Fate: If diluted with a large amount of water, this chemical released directly or indirectly into the environment is not expected to have a significant impact.