

## POTASSIUM METABISULPHITE

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** POTASSIUM METABISULPHITE  
**Product Code:** 5051  
**CAS#:** Not available  
**Synonym:** Not available  
**Chemical Name:** Not available  
**Chemical Formula:** Not available  
**Formula Weight:** Not available

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**

**Name:** Potassium iodide

**Toxicological Data on Ingredients:**

Eye Dam. 1; STOT SE 3; H318, H335

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008

Specific target organ toxicity - repeated exposure, Oral (Category 1), Thyroid, H372

**Potential Acute Health Effects:** Not Available

**Carcinogenic Effects:** Not Available

**Mutagenic Effects:** Not Available

**Teratogenic Effects:** Not Available

**Developmental Toxicity:** Not available.

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. WARM water MUST be used. Get medical attention if irritation occurs

**Skin Contact:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops

**Serious Skin Contact:** Not available

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention

**Serious Inhalation:** Not Available

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Serious Ingestion:** Not available

### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing media**

**Suitable extinguishing media :**

Dry powder Dry sand.

**Special hazards arising from the substance or mixture**



Sulphur oxides, Potassium oxides  
Not combustible.

**Advice for firefighters** Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements

**Large Spill:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system

### SECTION 7: HANDLING AND STORAGE

**Precautions:** Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents

**Conditions for safe storage, including any incompatibilities**

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

Never allow product to get in contact with water during storage. Do not store near acids.

**Storage Class:** Not available.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

**Personal Protection in Case of a Large Spill:** Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	:	Solid
Odor	:	Not available
Taste	:	Not available
Color	:	Not available
Molecular Weight	:	Not available
PH	:	Not available
Boiling Point	:	Not available
Melting Point	:	Not available
Critical Temperature	:	Not available
Specific Gravity	:	Not available
Vapor Pressure	:	Not available
Vapor Density	:	Not available
Volatility	:	Not available
Odor Threshold	:	Not available
Water/Oil Dist. Coeff.	:	Not available
Ionicity (in Water)	:	Not available
Dispersion Properties	:	Not available
Solubility	:	Not available



### SECTION 10: STABILITY AND REACTIVITY DATA

**Stability:** The product is chemically stable under standard ambient conditions (room temperature)

**Instability Temperature:** Not available

**Conditions of Instability:** Tin/tin oxides

**Incompatibility with various substances:** Not available

**Corrosivity:** Not available.

**Special Remarks on Reactivity:** Not available

**Special Remarks on Corrosivity:** Not available

**Possibility of hazardous reactions:** Not available

**Polymerization:** Not available

### SECTION 11: TOXICOLOGICAL INFORMATION

**Routes of Entry:** Inhalation, Ingestion

**Toxicity to Animals:**

LD50 Oral - Rat - 2.300 mg/kg

**Chronic Effects on Humans:** Not available

**Other Toxic Effects on Humans:** May cause respiratory irritation. - Respiratory system

Acute oral toxicity - Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract.

Acute inhalation toxicity - mucosal irritations, Cough, Shortness of breath, Possible damages; damage of respiratory tract

**Remarks on Toxicity to Animals:** Not available

**Special Remarks on Chronic Effects on Humans:** Not available

**Special Remarks on other Toxic Effects on Humans:** Not available

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:**

Toxicity to fish LC50 - Danio rerio (zebra fish) - 460 - 1.000 mg/l - 96 h

Toxicity to bacteria Remarks: (IUCLID)(Potassium disulfite)

LC<sub>50</sub>: Not available

**BOD and COD:** Not available

**Products of Biodegradation:** Not available

**Toxicity of the Products of Biodegradation:** Not available

**Special Remarks on the Products of Biodegradation:** Not available

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### SECTION 14: TRANSPORT INFORMATION

**UN number:**

**ADR/RID:**

**IMDG:**

**IATA:**

**UN proper shipping name**

**ADR/RID:** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods



**Transport hazard class(es):**

**ADR/RID:**

**IMDG:**

**IATA:**

**Packaging group:**

**ADR/RID:**

**IMDG:**

**IATA:**

**Environmental hazards:**

**ADR/RID: no**

**IMDG Marine pollutant: no**

**IATA: no**

### **SECTION 15: REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Chemical Safety Assessment:** For this product a chemical safety assessment was not carried out

### **SECTION 16: OTHER INFORMATION**

**References: Full text of H AND R-Statements**

EUH031 Contact with acids liberates toxic gas.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

**Other Special Considerations:** Not available

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