

## POTASSIUM ACETATE

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** Potassium acetate  
**Product Code:** TMB 060  
**CAS#:** 127-08-2  
**Synonym:** Not available.  
**Chemical Name:** Not available.  
**Chemical Formula:** C<sub>2</sub>H<sub>3</sub>KO<sub>2</sub>  
**Formula Weight:** 98.14

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**  
**Name:** Potassium acetate  
**Toxicological Data on Ingredients:** Not available.

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture:**  
Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.  
**Potential Acute Health Effects:** Not available.  
**Potential Chronic Health Effects:** Not available.  
**Mutagenic Effects:** Not available.  
**Teratogenic Effects:** Not available.  
**Developmental Toxicity:** Not available.  
**Specific target organ 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. Get medical attention.  
**Skin Contact:** Wash off immediately with soap and plenty of water. Cover the irritated skin with emollient. Immediate medical attention is required.  
**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. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.  
**Serious Ingestion:** Not available.

### SECTION 5: FIRE FIGHTING MEASURES

**Suitable extinguishing media**  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
**Special hazards arising from the substance or mixture**  
Carbon oxides, Potassium oxides  
**Advice for firefighters**



Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal precautions and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

#### Environmental precautions

Do not let product enter drains.

#### Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

### SECTION 7: HANDLING AND STORAGE

#### Precautions for safe handling

Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

#### Storage conditions:

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

Hygroscopic.

#### Storage class:

Not available.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

#### Respiratory protection

Respiratory protection is not required. If protection from nuisance levels of dusts are desired, use type N95 or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	:	Crystalline
Odor	:	Not available.
Color	:	White
Molecular Weight	:	Not available
pH	:	Not available
Boiling Point	:	Not available
Melting Point	:	303- 307 °C
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:** Not available.

**Incompatibility with various substances:** Not available.

**Special Remarks on Corrosivity:** Non-corrosive.

**Special Remarks on Reactivity:** Not available

**Possibility of hazardous reactions:** Not available.

**Hazardous decomposition products:** In event of fire.

#### SECTION 11: TOXICOLOGICAL INFORMATION.

**Acute Toxicity:**

LD50 Oral - Rat - 3.250 mg/kg

**Inhalation:** Not available

**Dermal:** Not available

**Routes of Entry:** Not available

**Toxicity to Animals:** Not available

**Chronic Effects on Humans:** Not available

**Other Toxic Effects on Humans:** Not available

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

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

**Reproductive toxicity:** Not available

#### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:**

Toxicity to fish LC50 - Danio rerio (zebra fish) - > 992 mg/l - 96 h

Toxicity to daphnia EC50 - Daphnia - > 919 mg/l - 48 h

and other aquatic  
invertebrates

Toxicity to algae EC50 - Skeletonema costatum (marine diatom) - > 1.000 mg/l - 72 h

**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:**



<b>ADR/RID:</b> <b>UN proper shipping name</b> ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods <b>Transport hazard class (es):</b>	<b>IMDG:</b>	<b>IATA:</b>
<b>ADR/RID:</b> <b>Packaging group:</b>	<b>IMDG:</b>	<b>IATA:</b>
<b>ADR/RID:</b> <b>Environmental hazards:</b>	<b>IMDG:</b>	<b>IATA:</b>
<b>ADR/RID:</b> No	<b>IMDG Marine pollutant:</b> No	<b>IATA:</b> 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:**

Not available.

**Other Special Considerations:** Not available

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