



# POTASSIUM ACETATE

# SAFETY DATA SHEET

Date of Issue 18-Jun-2019

## 1. Identification

<b>ProductName</b>	<b>Potassiumacetate</b>
<b>CAS-No</b>	127-08-2
<b>Synonyms</b>	Acetic acid, potassium salt (Crystalline/Powder/USP/EP/BP/CertifiedACS)
<b>RecommendedUse</b>	Laboratorychemicals.
<b>Usesadvisedagainst</b>	Food, drug, pesticide or biocidal productuse

### Details of the supplier of the safety data sheet

#### Company

Shri Shanti Laboratories,  
Shri Shanti Niwas,  
Gangashahar Road,  
Bikaner-334001

**Emergency Telephone Number : +91-9571511119**

## 2. Hazard(s) identification

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Combustible dust	Yes
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### Label Elements

#### **Signal Word**

Warning

#### **Hazard Statements**

May form combustible dust concentrations in air

#### **Precautionary Statements**

##### **Storage**

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

##### **Hazards not otherwise classified (HNOC)**

None identified

### 3. Composition/Information on Ingredients

Component	CAS-No	Weight %
Potassium acetate	127-08-2	>95

### 4. First-aid measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	Do not induce vomiting. Obtain medical attention.
<b>Most important symptoms and effects</b>	No information available.
<b>Note to Physician</b>	Treat symptomatically

### 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Unsuitable Extinguishing Media</b>	No information available
<b>Flash Point</b>	> 250 °C / > 482°F
<b>Method-</b>	No information available
<b>Autoignition Temperature</b>	
<b>Explosion Limits</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Sensitivity to Mechanical Impact</b>	No information available
<b>Sensitivity to Static Discharge</b>	No information available

**Specific Hazards Arising from the Chemical**

Dust can form an explosive mixture in air. Keep product and empty container away from heat and sources of ignition.

**Hazardous Combustion Products**

Carbon monoxide (CO) Carbon dioxide (CO<sub>2</sub>) Potassium oxides

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA**

<b>Health</b>	<b>Flammability</b>	<b>Instability</b>	<b>Physical hazards</b>
1	1	1	N/A

### 6. Accidental release measures

<b>Personal Precautions</b>	Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation.
<b>Environmental Precautions</b>	Should not be released into the environment. See Section 12 for additional ecological information.

## Potassium acetate

**Methods for Containment and Clean Up** Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation.

### 7. Handling and storage

**Handling** Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid dust formation. Protect from moisture.

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

### 8. Exposure controls / personal protection

**Exposure Guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering Measures** None under normal use conditions.

#### Personal Protective Equipment

**Eye/face Protection** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin and body protection** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory Protection** No protective equipment is needed under normal use conditions.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

### 9. Physical and chemical properties

<b>Physical State</b>	Solid
<b>Appearance</b>	White
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No information available
<b>pH</b>	7.0-8.0 1% aq.sol
<b>Melting Point/Range</b>	292 °C / 557.6°F
<b>Boiling Point/Range</b>	No information available
<b>Flash Point</b>	> 250 °C / > 482°F
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability or explosive limits</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	Not applicable
<b>Specific Gravity</b>	No information available
<b>Solubility</b>	Soluble in water
<b>Partition coefficient; n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	
<b>Decomposition Temperature</b>	No information available
<b>Viscosity</b>	Not applicable
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>3</sub> KO <sub>2</sub>
<b>Molecular Weight</b>	98.14

### 10. Stability and reactivity

## Potassium acetate

<b>ReactiveHazard</b>	None known, based on informationavailable
<b>Stability</b>	Hygroscopic. Absorbs moisture from air and becomesliquid.
<b>ConditionstoAvoid</b>	Incompatibleproducts.Excessheat.Avoiddustformation.Exposuretomoistairorwater.
<b>IncompatibleMaterials</b>	Strong oxidizingagents
<b>Hazardous Decomposition Products</b>	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), Potassium oxides
<b>HazardousPolymerization</b>	Hazardous polymerization does notoccur.
<b>HazardousReactions</b>	None under normalprocessing.

## 11. Toxicological information

### Acute Toxicity

#### Product Information Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Potassium acetate	LD50 = 3250 mg/kg ( Rat )	Not listed	Not listed

**Toxicologically Synergistic Products** No information available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Irritation</b>	No informationavailable
<b>Sensitization</b>	No informationavailable
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Potassium acetate	127-08-2	Not listed	Not listed	Not listed	Not listed	Not listed

<b>MutagenicEffects</b>	No informationavailable
<b>ReproductiveEffects</b>	No informationavailable.
<b>DevelopmentalEffects</b>	No informationavailable.
<b>Teratogenicity</b>	No informationavailable.
<b>STOT -singleexposure</b>	Noneknown
<b>STOT -repeatedexposure</b>	Noneknown
<b>Aspirationhazard</b>	No informationavailable
<b>Symptoms / effects,both acute and delayed</b>	No information available
<b>EndocrineDisruptorInformation</b>	No informationavailable
<b>OtherAdverseEffects</b>	SeeactualentryinRTECSforcompleteinformation.The toxicological properties havenot been fully investigated.

## 12. Ecological information

### Ecotoxicity

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
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## Potassium acetate

Potassium acetate	Not listed	LC50: = 6800 mg/L, 96h semi-static (Oncorhynchus mykiss)	Not listed	EC50: = 7170 mg/L, 24h (Daphnia magna)
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**Persistence and Degradability** Soluble in water Persistence is unlikely based on information available.

**Bioaccumulation/Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its water solubility.

### 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

### 14. Transport information

**DOT** Not regulated  
**TDG** Not regulated  
**IATA** Not regulated  
**IMDG/IMO** Not regulated

### 15. Regulatory information

#### International Inventories

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Potassium acetate	X	X	-	204-822-2	-		X	X	X	X	X

**Legend:**

X - Listed

E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.

F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.

N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.

P - Indicates a commenced PMN substance

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

S - Indicates a substance that is identified in a proposed or final Significant New Use Rule

T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).

Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.

Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

#### U.S. Federal Regulations

**TSCA 12(b)** Not applicable

**SARA 313** Not applicable

**SARA 311/312 Hazard Categories** See section 2 for more information

**CWA (Clean Water Act)** Not applicable

**Clean Air Act** Not applicable

**OSHA Occupational Safety and Health Administration**  
Not applicable

**CERCLA** Not applicable

**California Proposition 65** This product does not contain any Proposition 65 chemicals

## Potassium acetate

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**U.S. State Right-to-Know Regulations** Not applicable

### U.S. Department of Transportation

ReportableQuantity(RQ): N  
DOTMarinePollutant N  
DOT SevereMarinePollutant N

### U.S. Department of HomelandSecurity

This product does not contain any DHS chemicals.

### Other International Regulations

**Mexico-Grade** Slight risk, Grade1

## 16. Other information

**PreparedBy** Shri Shanti Laboratories

**Date of Issue** 18-Jun-2019

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text