

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification

Product Name SORBIC ACID POWDER
Commercial Name SORBIC ACID POWDER
Product Use Not available.
Restrictions On Use Not available.

Product Code 30-5174

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Skin corrosion Category 2 Serious eye damage/eye irritation Category 2A Specific target organ toxicity
CFR 1910.1200 (single exposure) Category 3

Signal Word WARNING

Hazard Statement(s) Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Pictogram(s) or Symbol(s)

**Precautionary Statement(s):**

Prevention Wash face, hands and any exposed skin thoroughly after handling Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area Wear protective gloves. Wear eye/face protection.

Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

Disposal Dispose of contents/container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Sorbic acid
% By Weight >=99
CAS# 110-44-1
Molecular Weight N/A
Chemical Formula N/A
Synonym(s) N/A

Mixtures

| Name | CAS# | % by Weight | TLV/PEL | LC50/LD50 |
|-------------|----------|-------------|---------|-----------|
| SORBIC ACID | 110-44-1 | >=99 | N/A | N/A |

Section 4: First-Aid Measures

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|------------------------------------|--|
| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. |
| Skin Contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician. |
| Eye Contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion | Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person. |
| Symptoms/Effects | |
| Acute | Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. |
| Delayed | Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. |
| Immediate Medical Attention | Treat symptomatically. |

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water (spray - not splash) Dry extinguishing powder Alcohol resistant foam Carbon dioxide

Unsuitable Extinguishing Media

Unsuitable extinguishing media Do not use water jet.

Products of Combustion

Thermal decomposition can lead to release of irritating and toxic gases and vapors

Firefighters Special Equipment and Precautions

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

Section 6: Accidental Release Measures

Evacuate personnel to safe areas Ensure adequate ventilation, especially in confined areas ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Avoid contact with skin, eyes or clothing Contaminated work clothing should not be allowed out of the workplace Avoid generation of dust Do not breathe dust Use personal protection recommended in Section 8 Wash thoroughly after handling Methods and material for containment and cleaning up Use protective equipment while cleaning if necessary. Avoid dust formation. Dust formation that cannot be avoided must be collected regularly. Use tested industrial vacuum cleaners or suction systems for areas with a high risk of explosion. Do not raise dust while cleaning. Use of a blower for cleaning is not permitted.

Section 7: Handling and Storage

Take care to maintain clean working place. Do not leave container open. Sufficient ventilation must be guaranteed for refilling, transfer, or open use. Avoid spillage. Fill only into labelled container. Avoid rising dust. Do not use any food containers - risk of mistake. Containers have to be labelled clearly and permanently. Store in the original container as much as possible. Keep container tightly closed. Recommended storage at room temperature. Store in a dry place.

Section 8: Exposure Controls/Personal Protection

| | |
|-----------------------------|---|
| Exposure Limits | No data available. |
| Engineering Controls | Provision of good ventilation in the working area. Washing facility at the workplace required. Eye bath required. These locations must be signposted Clearly. |

Personal Protection

Eye/face protection Sufficient eye protection must be worn. Wear glasses with side protection. Hand Protection Use protective gloves. The glove material must be sufficiently impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location. Pay attention to skin care. Skin protection cremes do not protect sufficiently against the substance. The following materials are suitable for protective gloves: Nitrile rubber/Nitrile latex - NBR Layer strength 0,11 mm , break-through time > 480 min Skin and body protection Depending on the risk, wear a tight protective clothing or a suitable chemical protection suit. Respiratory protection In an emergency (e.g.: unintentional release of the substance) respiratory protection must be worn. Consider the maximum period for wear. Respiratory protection: Particle filter P2 or P3, colour code white. Use insulating device for concentrations above the usage limits for filter devices, for oxygen concentrations below 17% volume, or in circumstances which are unclear.

Section 9: Physical and Chemical Properties

| | | | |
|---|--------------------------|--|-------------------------|
| Appearance | White Powder | | |
| Odor | Faint | | |
| Odor Threshold | Not determined | | |
| Melting Point | 134 °C | pH | ca. 3.3(20 °C, 1.6 g/L) |
| Freezing Point | N/A | Vapor Pressure | N/A |
| Boiling Point/Range | The substance decomposes | Vapor Density | 3.87 |
| Decomposition temperature | 190 °C | Viscosity | Not determined |
| Partition Coefficient: n-octanol/water | 1.33 | Evaporation Rate | Not determined |
| Flash Point | 125 °C | Autoignition temperature | 415 °C |
| Flammability | Combustible solid | Flammability or Explosive Limits: | |
| | | Lower | Not determined |
| | | Upper | Not determined |
| Solubility(ies) | Not determined | | |
| Other | No information available | | |

Section 10: Stability and Reactivity

| | |
|---|---|
| Reactivity | Stable under recommended storage and handling conditions (see SECTION 7, handling and storage). |
| Chemical Stability | Stable under normal conditions |
| Hazardous Polymerization | Dust forms explosive mixtures with air |
| Conditions to Avoid | Light, air. Heat, flames and sparks |
| Incompatible Materials | Bases. Oxidizing agents. Reducing agents. |
| Hazardous Decomposition Products | Carbon monoxide and carbon dioxide |

Section 11: Toxicological Information**RTECS** N/A**Acute Toxicity**

1% of the mixture consists of ingredient(s) of unknown toxicity Oral LD50 Sorbic acid (CAS #: 110-44-1) = 3200 mg/kg (Rat)

Skin Corrosion/Irritation

Causes skin irritation.

Serious Eye Damage/Irritation

Causes serious eye irritation.

Respiratory or Skin Sensitization

Not sensitizing to skin

Germ Cell Mutagenicity

Negative.

Carcinogenicity

Negative.

Reproductive Toxicity

No information available

Routes of Entry

Inhalation Inhalation of vapors in high concentration may cause irritation of respiratory system. Eye contact Causes serious eye irritation. Skin Contact Causes skin irritation. Ingestion Ingestion may cause irritation to mucous membranes



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Symptoms Related to Exposure

May cause respiratory irritation

Potential Health Effects

N/A

Target Organ(s) N/A

Section 12: Ecological Information

Ecotoxicity

1% of the mixture consists of components(s) of unknown hazards to the aquatic environment Fish LC50 Sorbic acid (CAS #: 110-44-1) - 1000 - 1500: 48 h Leuciscus idus mg/L LC50 static

Persistence and Degradability

After 7 days, 65.5 %, of the ThOD were removed. Readily biodegradable

Bioaccumulative Potential

No information available

Mobility in Soil

No information available

Other Adverse Effects

No information available

Section 13: Disposal Considerations

Waste Disposal

Disposal should be in accordance with applicable regional, national and local laws and regulations

Disposal of Container

Dispose of in accordance with federal, state and local regulations

Other Considerations

N/A

Section 14: Transport Information

DOT Classification

UN/ID No. Not regulated Proper shipping name Not regulated Hazard Class Not regulated Packing Group Not regulated Special precautions No information available Marine pollutant Non-marine pollutant

Section 15: Regulatory Information

Regulations

No information available

Other

N/A

Section 16: Other Information

N/A