Mallinckrodt
Material Safety Data

Emergency Phone Number: 314-982-5000

POTASSIUM ACETATE

PRODUCT IDENTIFICATION:

Synonyms: Acetic acid, potassium salt
Formula CAS No.: 127-06-2
Molecular Weight: 98.14
Chemical Formula: KC₂H₃O₂
Hazardous Ingredients: Not applicable.

PRECAUTIONARY MEASURES

As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

EMERGENCY/FIRST AID

SEE SECTION 5.
DOT Hazard Class: Not Regulated

SECTION 1 Physical Data

Appearance: Transparent, colorless crystals.
Odor: Odorless.
Solubility: 200 g in 100 g water.
Boiling Point: No information found.
Melting Point: 292°C (558°F)
Specific Gravity: 1.57
Vapor Density (Air = 1): No information found.
Vapor Pressure (mm Hg): No information found.
Evaporation Rate: No information found.

SECTION 2 Fire and Explosion Information

Fire:
Not considered to be a fire hazard.

Explosion:
Not considered to be an explosion hazard.

Fire Extinguishing Media:
Use any means suitable for extinguishing surrounding fire.

Special Information:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

SECTION 3 Reactivity Data

Stability:
Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products:
Possibly oxides of carbon and potassium at high temperatures. Emits acrid fumes when heated.

Hazardous Polymerization:
This substance does not polymerize.

Incompatibilities:
No incompatibility data found.

SECTION 4 Leak/Spill Disposal Information

Ventilate area or leak or spill. Clean-up personnel may require protective clothing and respiratory protection from dust.
Spills: Sweep up and containerize for reclamation or disposal. Avoid dust dispersal. Trace residue may be flushed to sewer with large amounts of water. Disposal: Whatever cannot be saved for reclamation may be disposed in an approved waste disposal facility.

Ensure compliance with local, state and federal regulations.

Effective Date: 08-13-85

Mallinckrodt, Inc., Science Products Division, P.O. Box M, Paris, KY 40361.
SECTION 5 Health Hazard Information

A. EXPOSURE / HEALTH EFFECTS

Inhalation:
May cause irritation of nose or throat.

Ingestion:
Extremely large oral dosages may produce gastrointestinal disturbances. Has diuretic effect.

Skin Contact:
No adverse effects expected but may cause minor skin irritation.

Eye Contact:
May cause mild irritation, possible reddening.

Chronic Exposure:
No adverse health effects expected.

Aggravation of Pre-existing Conditions:
No adverse health effects expected.

B. FIRST AID

Inhalation:
Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion:
Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.

Skin Exposure:
Wash exposed area with soap and water. Get medical advice if irritation develops.

Eye Exposure:
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation develops.

C. TOXICITY DATA (RTECS, 1982)

Oral rat LD50: 3250 mg/kg

SECTION 6 Occupational Control Measures

Airborne Exposure Limits:
None established.

Ventilation System:
In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Personal Respirator: (NIOSH Approved)
For conditions of use where exposure to the dust is apparent, a dust/mist respirator may be worn. For emergencies, a self-contained breathing apparatus may be necessary.

Skin Protection:
Wear protective gloves and clean body-covering clothing.

Eye Protection:
Safety glasses. Maintain eye wash fountain and quick-drench facilities in work area.

SECTION 7 Storage and Special Information

Store in a cool, dry, ventilated area away from sources of heat or ignition.