



THE POWER OF THREE³

PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

Product Information (203) 740-3471

Emergency Assistance CHEMTREC 1-800-424-9300

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name On Label : Potassium citrate monohydrate

Manufacturer: PHARMCO-AAPER.
58 Vale Road
Brookfield, Connecticut 06804, USA
Phone (203) 740-3471
Fax (203) 740-3481

1101 Isaac Shelby Drive
Shelbyville, KY 40065
Phone (502) 633-0650
Fax (502) 633-0685

Emergency Contact:
CHEMTREC 1-800-424-9300

Alternative Names : Citric acid potassium salt

2. COMPOSITION AND INFORMATION ON COMPONENTS

Name : Potassium citrate monohydrate; 2-hydroxy-1,2,3-propanetricarboxylic acid tripotassium salt; citric acid, tripotassium salt; potassium citrate tribasic

Minor Impurities : Not determined

CAS Number : 6100-05-6

EINECS Number : 2127555

3. HAZARDS IDENTIFICATION

Designation :

No specific hazard

Risk Phrases

4. FIRST AID MEASURES

Inhalation

Remove to fresh air. Seek medical advice if symptoms persist.

Eye Contact

Flush with copious amounts of water for at least 15 minutes.

Skin Contact

Wash affected area with soap and water. Rinse thoroughly.

Ingestion

Rinse out mouth and drink lots of water. If unusual symptoms are observed, seek medical advice.

5. FIRE FIGHTING MEASURES

Extinguishing Medium

Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.

Protective Equipment

Wear self-contained breathing apparatus and protective clothing.

Hazardous Products of Combustion May Include:

carbon monoxide, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection

Wear protective equipment including rubber gloves, and eye protection. Keep unprotected persons away.

Environmental Protection

Take precautions to ensure product does not enter the drainage system.

Collection

Mix with vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.

7. HANDLING AND STORAGE

Handling

Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.

Storage

Store in tightly sealed containers in a cool place.

Product is hygroscopic. Take precautions to avoid contact with atmospheric moisture.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory

Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.

Eye

Avoid eye contact. Wear safety spectacles or goggles.

Hands and Body

Avoid skin contact. Wear rubber gloves and protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : White crystalline powder and chunks **Physical Constants:** m.p. 275°(dec)

Molecular Formula : C₆H₅K₃O₇.H₂O

Formula Weight : 324.41

Water Solubility :

Density : Not available

Flash Point : Not available

10. STABILITY AND REACTIVITY

Specific Hazard

Incompatibilities

Strong oxidising agents.

Decomposition

Hazardous products of decomposition may include:

carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

RTECS Number : TS8300000

Acute Toxicity

LD50 : LDLo IPR-DOG 167mg/kg

12. ECOLOGICAL EFFECTS

General

Take care to prevent chemicals from entering the ground, water courses or drainage systems.

13. DISPOSAL CONSIDERATIONS

Disposal

Disposal should be via an approved contractor and should take full account of local regulations.

14. TRANSPORT INFORMATION

UN Number :

Land Transport

ADR/RIC Code/Class: Not Restricted

Maritime Transport IMDG Code/Class : Not Restricted

Air Transport IATA Code/Class : Not Restricted

15. REGULATORY INFORMATION

CAS Number : 6100-05-6

EINECS Number : 2127555

EEC Number :

UN Number : None

RTECS Number : TS8300000

Hazard Indication :

No specific hazard

Risk and Safety Phrases

None specified - Exercise all due care in use

TSCA: Listed substance.

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA): No chemicals in this material with known CAS numbers are subject to the reporting requirements of CERCLA.

16. OTHER INFORMATION

The information contained herein is based on data considered to be accurate. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product.