



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 : Sodium persulfate

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 : None in common use.

2. COMPOSITION AND INFORMATION ON COMPONENTS

Name : Sodium persulfate

Minor Impurities : Not determined

CAS Number : 7775-27-1

EINECS Number : 2318921

3. HAZARDS IDENTIFICATION

Designation :

IRRITANT ~ OXIDISING AGENT

Risk Phrases

R8 Contact with combustible material may cause fire.

R36/37/38 Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES

Inhalation

Remove to fresh air. If breathing is difficult give oxygen and seek medical attention.

Eye Contact

Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin Contact

Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice.

Ingestion

Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical attention.

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:

sulfur dioxide, sulfuric acid.

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 contaminate the ground or 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, goggles or, for larger quantities, a full face mask.

Hands and Body

Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger quantities, full arm, body and face protection. Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : White crystals
Physical Constants: Not available
Molecular Formula : Na₂O₈S₂
Formula Weight : 238.10
Water Solubility : V sol
Density : 2.4
Flash Point : Not available

10. STABILITY AND REACTIVITY

Specific Hazard

Incompatibilities

Strong bases. Strong reducing agents. Alcohols. Finely powdered metals.

Decomposition

Hazardous products of decomposition may include:

sulfur dioxide, sulfuric acid.

11. TOXICOLOGICAL INFORMATION

RTECS Number : SE0525000

Acute Toxicity

LD50 : IPR-MUS 226mg/kg

Irritating to eyes, respiratory system and skin.

Special Note

May induce allergic skin reaction. Symptoms of overexposure may include eczema. Repeated exposure may lead to asthma.

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 : 1505

Land Transport

ADR/RIC Code/Class: 5.1 /Packing Group II

Maritime Transport IMDG Code/Class : 5.1 /Packing Group II

Air Transport IATA Code/Class : 5.1 /Packing Group II

15. REGULATORY INFORMATION

CAS Number : 7775-27-1

EINECS Number : 2318921

EEC Number :

UN Number : 1505

RTECS Number : SE0525000

Hazard Indication :

IRRITANT ~ OXIDISING AGENT

Risk and Safety Phrases

Contact with combustible material may cause fire.

Irritating to eyes, respiratory system and skin.

Keep away from combustible material.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing.

TSCA: Listed substance.

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.