

1. Identification

Product Code **CS5174-56**

Product Name **SODIUM PERSULPHATE pure**

Molecular Formula $\text{Na}_2\text{S}_2\text{O}_8$ =238.09

CAS Number 7775-27-1

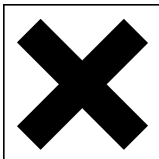
Supplier:  **BEECROFT & PARTNERS**
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Rotherham
South Yorkshire

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Emergency Telephone 08:30-1700 01709-377881
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(Have this document to hand)

2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Sodium persulphate	7775-27-1	231-892-1	> 99.0%	O Xn : R8,R22,R42/43	N/A

3. Hazards Identification

Contact with combustible material may cause fire. Harmful if swallowed. May cause sensitisation by inhalation and skin contact.

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water. If discomfort persists OBTAIN MEDICAL ATTENTION.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. OBTAIN MEDICAL ATTENTION URGENTLY.

5. Fire Fighting Measures

Hazards Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes. Fire-fighters should wear protective clothing and breathing apparatus. May evolve toxic fumes if involved in a fire. Not combustible but assists burning.

Extinguishing Media Consider what other flammable materials are present and act accordingly.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Avoid breathing dust-wear respiratory protective equipment.

Enviromental Presents no major environmental hazard.

6. Accidental Release Measures (continued)

Major Spillage	Shovel/sweep up into container for removal Wash area down with copious amounts of water.
Minor Spillage	Wash area down with copious amounts of water.

7. Storage & Handling

Handling Precautions	Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing. Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.
Storage Conditions	Store in a suitable area for oxidising agents. Do not store on wooden surfaces. Protect against moisture to prevent decomposition. Keep well separated from combustible materials.

8.1 Occupational Exposure Limits

No prescribed exposure limits available

8.2 Personal Protection

Respiratory	If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.
Hands	Wear gloves.
Eyes	Use chemical splash proof glasses or goggles.
Skin	Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance	White crystalline powder or granules.
Odour	No specific odour.
pH	3 (55% in water)
Boiling point	Decomposes
Melting point	Not available
Flash point	Not available
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	Not available
Explosive properties	No.
Oxidising Properties	A strong oxidising agent.
Vapour Pressure	Not available
Relative Density	1.1500
Water Solubility	2.5%

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions but decomposes to liberate oxygen on heating or contact with water.
Conditions to Avoid	Will undergo self accelerating decomposition above 170C. Avoid contact with rust and traces of metal
Materials to Avoid	Reducing agents. Water. Heavy metals and their salts.
Hazardous Decomposition Products	Decomposes to form toxic fumes of oxides of sulphur, flammable oxygen and toxic ozone.

11. Toxicological Information

Eyes	Contact with the solid or dust may be irritating to the eyes.
Skin	Contact with the solid or dust will be irritating to the skin. May cause skin sensitisation.
LD50 Skin	Not available

11. Toxicological Information (continued)

Ingest	Harmful if swallowed. Ingestion may cause diarrhoea, nausea, vomiting, hyperpnoea and convulsions.
LD50 Ingest	Oral rat 1000mg/Kg
Inhalation	Inhalation of dust will produce irritation of the eyes, nose, throat and respiratory tract.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

12. Ecological

Small amounts present no specific environmental hazard.

13. Disposal Considerations

Disposal Methods	Do not dispose of as domestic waste.
Contaminated Packaging	Wash out containers with water.

14. Transport Information

Proper Shipping Name	Sodium Peroxydisulphate
UN Number	1505
UN Classification	5.1 Oxidising agent
Subsidiary Risk	None
Flash Point	Not available
Packing Group	III
Marine pollutant	No
ADR Hazard ID	50



15. Regulatory Information

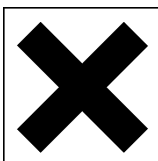
Labelling	Oxidising, Harmful.
Classification	

Label Symbols

O



Xn



Risk & safety Phrases	Contact with combustible material may cause fire. Harmful if swallowed. May cause sensitisation by inhalation and skin contact. Keep away from combustible material. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of fire use dry powder extinguisher - Never use water.
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EEC Number	231-892-1
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16. Other Information

Document Information	This document has been prepared in accordance with directive 88/379/EEC.
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The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

Revision Date: 19/11/03.

Data reviewed and PDF file generated: 07/06/04.

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