


1. Identification

Product Code **1110775**

Product Name **AMMONIUM PERSULPHATE A.R.**

Molecular Formula **(NH₄)₂S₂O₈ =228.19**

CAS Number **7727-54-0**

Supplier: **CAMLAB LIMITED**

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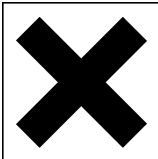
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(Have this document to hand)

2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Ammonium persulphate	7727-54-0	231-786-5	> 99.0%	O Xn : R8,R22,R36/37/38,R42/43	N/A

3. Hazards Identification



Contact with combustible material may cause fire. Harmful if swallowed. Irritating to eyes, respiratory system and skin. 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.

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

6. Accidental Release Measures (continued)

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 Workplace 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 Not available
Melting point 120.0 °C
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 °C
Water Solubility 58 %

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 Decomposes to form toxic fumes of oxides of sulphur, flammable oxygen and toxic ozone.
Decomposition Products

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
Ingest Harmful if swallowed. Ingestion may cause diarrhoea, nausea, vomiting, hyperpnoea and convulsions.

11. Toxicological Information (continued)

LD50 Ingest	Oral rat 689mg/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	Ammonium Persulphate
UN Number	1444
UN Classification	5.1 Oxidising agent
Subsidiary Risk	None
Flash Point	Not available
Packing Group	III
Transport Category	3
Marine pollutant	No
ADR Hazard ID	50



15. Regulatory Information

Labelling	Oxidising, Harmful.
Classification	

Label Symbols

O		Xn	
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Risk & safety Phrases	Contact with combustible material may cause fire. Harmful if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation and skin contact. Keep out of reach of children. Do not breath dust. Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves.
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EEC Number	231-786-5
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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.

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