

MicroEtch

SAFETY DATA SHEET

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME MICROETCH
PRODUCT NO. QF 1984
SUPPLIER Crownhill Associates Ltd
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
SODIUM PERSULPHATE	231-892-1	7775-27-1	60-100%	Xn;R22. O;R8. R42/43.

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Harmful if swallowed. May cause sensitisation by inhalation and skin contact.
CLASSIFICATION Xn;R22. R42/43.

4 FIRST-AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT: Important to remove the substance from the skin immediately. Remove contaminated clothing. Rinse the skin immediately with lots of water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use fire-extinguishing media appropriate for surrounding materials. Stop flow of material to fire.

SPECIAL FIRE FIGHTING PROCEDURES: Use water to keep fire exposed containers cool and disperse vapours. Avoid breathing fire vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS OXIDISING!: Emits oxygen easily and may cause fire or explosion if heated. May ignite other combustible materials.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS: Keep combustibles away from spilled material. Wear necessary protective equipment. Absorb with inert, damp, non-combustible material, then flush area with water. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS: Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container.

STORAGE CLASS: Oxidiser storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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PROTECTIVE EQUIPMENT



ENGINEERING MEASURES: Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of spray.

RESPIRATORY EQUIPMENT: No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

HAND PROTECTION: Protective gloves must be used if there is a risk of direct contact or splash.

EYE PROTECTION: Wear approved safety goggles.

OTHER PROTECTION: Use engineering controls to reduce air contamination to permissible exposure level.

HYGIENE MEASURES Wash hands after contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOUR	White
ODOUR	Acidic.
SOLUBILITY	Completely soluble in water

10 STABILITY AND REACTIVITY

STABILITY: Stable under normal temperature conditions. Avoid: Contact with combustibles. **SHELF LIFE 6 MONTHS**
CONDITIONS TO AVOID Oxidising, avoid contact with reducing agents. Avoid heat. Avoid contact with: Strong mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire or high temperatures create: Highly flammable gases/vapours/fumes of: Oxygen.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

INHALATION: Prolonged inhalation of high concentrations may damage respiratory system. **SKIN CONTACT.** Irritating to skin. Prolonged or repeated exposure may cause severe irritation. **EYE CONTACT.** May cause severe irritation to eyes. **INGESTION.** May cause severe internal injury. May cause stomach pain or vomiting. The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

12 ECOLOGICAL INFORMATION

ECOTOXICITY: No data on possible environmental effects have been found.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME:
UN NO. ROAD
ADR CLASS NO.
ADR CLASS
ADR PACK GROUP

CONTAINS SODIUM PERSULPHATE
1505
5.1
Class 5.1: Oxidizing substances.
5.1 18(c) PACKING GROUP III

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15 REGULATORY INFORMATION

LABELLING: Harmful



CONTAINS: SODIUM PERSULPHATE

RISK PHRASES

R22 Harmful if swallowed.

R42/43 May cause sensitisation by inhalation and skin contact.

SAFETY PHRASES

S23 Do not breathe vapour/spray.

S24 Avoid contact with skin.

S37 Wear suitable gloves.

S38 In case of insufficient ventilation, wear suitable respiratory equipment.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

S60 This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy or reliability.