

SAFETY DATA SHEET

SMARTCHECK MPI FLUORO Powder

1. IDENTIFICATION

Company: SmartChem Industries Pty Ltd
Address: 272 Devlin Rd, Castlereagh NSW 2749
Ph: (02) 4776 2320
ACN 160 500 498
Emergency Contact (24 hours) 0402 458 926
Product Use: Medium used in Magnetic Particle Inspection
Packaging: Can

2. HAZARDS IDENTIFICATION

NOT A HAZARDOUS SUBSTANCE ACCORDING TO THE CRITERIA OF GHS
Poisons Schedule – Not Assigned

Signal Word

- Not Allocated

Hazard Statement

* Not Allocated

Precautionary Statement

* Do not breathe dust
* Avoid contact with skin and eyes

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS Number	Proportion
Iron Oxide	1317-61-9	>90%

4. FIRST AID MEASURES

Swallowed

If swallowed DO NOT induce vomiting. If vomiting occurs lean patient forward or lay them down on their side with their head down. If the patient is conscious give small amounts of water to drink. If symptoms persist transport the patient to hospital or a doctor.

Eyes

If the product comes into contact with the eyes, immediately flush the eye continuously with fresh water for at least 15 minutes while holding the eyelids open. If irritation occurs transport the patient to hospital or a doctor.

Skin

If skin contact occurs, remove any contaminated clothing and wash skin with water (and soap if available). If irritation occurs transport the patient to hospital or a doctor.

Inhaled

If inhaled, remove patient to fresh air, lay them down. If patient is not breathing apply resuscitation. If symptoms occur transport the patient to a hospital or a doctor.

Advice to Doctor

Treat Symptomatically.

NOTE: In all severe cases contact a doctor or Poisons Information Centre (PH 131 126)

5. FIRE FIGHTING MEASURES

NOTE: Only attempt to fight a fire if safe to do so.

EXINGUISHING MEDIA

Use an extinguishing agent suitable for the surrounding fire.

Alert Fire Brigade.

If safe to do so, move undamaged containers from the area.

FIRE/EXPLOSION HAZARD

No specific fire or explosion hazard.

No specific hazardous thermal decomposition products.

6. ACCIDENTAL RELEASE MEASURES

- * Undamaged cans should be removed from the area and stored safely.
- * Avoid dispersal of spilt material and prevent entry into sewers, drains and waterways.
- * Vacuum or sweep up material and place in a designated, labelled waste container.
- * Avoid creating dust.

7. HANDLING AND STORAGE

- * Store in a cool dry place away from direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

No specific exposure standards have been assigned.

Personal Protective Equipment

Eyes- Safety Glasses or Chemical Goggles as required under AS/NZS 1337

Clothing- Normal working overalls and footwear.

Gloves- Nitrile or PVC if moderate exposure is expected.

Respiratory Protection- Avoid breathing dust. A dust mask conforming to AS/NZS 1716 in situations where exposure to dust is expected.

Engineering Controls

Provide adequate ventilation.

Good general ventilation should be sufficient.

The use of exhaust ventilation may be required if natural ventilation is not adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine brown odourless powder (fluorescent yellow under UV Light)
Specific Gravity:	approx. 0.6 g/mL
Solubility in water:	Insoluble
Flash Point:	Not applicable
Melting Point:	>1000°C

10. STABILITY AND REACTIVITY

Product is considered stable under normal conditions of use.

Hazardous polymerisation will not occur

CONDITIONS CONTRIBUTING TO INSTABILITY

Open flames and heat may cause oxidation, which can generate additional heat.

HAZARDOUS DECOMPOSITION PRODUCTS

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute Health Effects:

If the product is handled in accordance with the label and this SDS, there should be no adverse health effects. Symptoms and effects from overexposure are:-

Eyes: May cause irritation and redness to the eyes.

Skin: No specific data

Swallowed: No specific data

Inhaled: Adverse symptoms may include coughing and respiratory tract irritation.

12. ECOLOGICAL INFORMATION

No data available. Do not discharge into sewers, drains or waterways.

13. DISPOSAL CONSIDERATIONS

Dispose empty containers and unused product at an approved site in accordance with government requirements.

14. TRANSPORT INFORMATION

Proper Shipping Name: Not Allocated
UN Number: Not Allocated
Dangerous Goods Class: Not Allocated
Packing Group: Not allocated

15. REGULATORY INFORMATION

Poisons Schedule: None

All of the ingredients are on the AICS list.

16. OTHER INFORMATION

Revision Number: 3

Reason for Revision: Include GHS codes

Revision Date: 1st February 2019

Next Revision Due Before: 1st February 2024

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