

Norkem SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

PRODUCT : POTASSIUM FERRICYANIDE

DOCUMENT NO : P17 **ISSUE DATE:** 31st May 2001

COMPANY : NORKEM LIMITED
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2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION : Potassium Ferricyanate

INGREDIENTS	%	CAS	EINECS	Supply Class
	100	13746-66-2	237-323-3	R20/22, R36/37/38

3. HAZARDS IDENTIFICATION

: Harmful by inhalation and if swallowed
Irritating to the eyes, respiratory system and skin

4. FIRST AID MEASURES

EYES : Irrigate with eyewash solution or water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical aid if irritation persists

SKIN : Remove contaminated clothing. Wash skin with plenty of water for at least 15 minutes. Wash clothing before reuse. Get medical attention if irritation develops

INGESTION : Give large quantities of water to drink. Consult a doctor. Never give an unconscious person anything by mouth

INHALATION : Remove to fresh air, keep warm and at rest. Consult a doctor if breathing difficulties occur

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Jet foam or dry agent

HAZARDS : May emit toxic and flammable fumes of cyanide if involved in a fire

PROTECTION : Breathing apparatus and full protective clothing

6. ACCIDENTAL RELEASE MEASURES

PERSONAL	:	Isolate the contaminated area and instruct others to keep away. Wear appropriate personal protective equipment
ENVIRONMENTAL	:	Contain and control the spillage on site
RECOVERY	:	Sweep up and containerise for reclamation or disposal. Vacuuming or wet sweeping may be use to avoid dust dispersal

7. HANDLING AND STORAGE

HANDLING	:	Due care must be taken and any damaged packages must be isolated and repaired
STORAGE	:	Keep in cool, dry conditions away from any heat source and light. Keep containers tightly closed. Containers of this material may be hazardous when empty as they retain product residue (dust or solid) - observe product warnings at all times
VENTILATION	:	Storage area should be well ventilated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL LIMITS

ENGINEERING CONTROLS	:	COSHH-Due consideration should be given to your control systems and the need for assessment
RESPIRATORY PROTECTION	:	Dust mask under normal conditions
HAND PROTECTION	:	Gloves
EYE PROTECTION	:	Goggles or glasses (with eyewash facilities close by)
OTHER	:	Body covering overalls

9. PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE	:	Red crystalline powder
ODOUR	:	Odourless
PH	:	N/A
VISCOSITY	:	N/A
BOILING POINT	:	Decomposes
MELTING POINT	:	Loses 3 H ₂ O @ 70
FLASH POINT	:	N/A
VAPOUR PRESSURE	:	N/A
VAPOUR DENSITY	:	N/A
RELATIVE DENSITY(SG)	:	1.85 (@25C)
SOLUBILITY	:	44 grms/100grms in water

10. STABILITY AND REACTIVITY

STABILITY	:	Stable under normal conditions. The aqueous solution decomposes slowly on standing
CONDITIONS TO AVOID	:	Light, heat and incompatibles
MATERIALS TO AVOID	:	Chromium trioxide and heat, Ammonia, cupric Nitrate, Sodium nitrate and heat, acids and acid fumes
HAZARDOUS DECOMPOSITION PRODUCTS	:	When heated to decomposition or if material comes into contact with acid or acid fumes, it emits toxic fumes of cyanides. Emits toxic fumes of cyanides and oxides of nitrogen when heated to decomposition

11. TOXICOLOGICAL INFORMATION

SHORT TERM

EYES	:	May cause irritation, redness and pain
SKIN	:	May cause irritation, redness and pain
INGESTION	:	Large doses may cause gastrointestinal upset with nausea, vomiting, diarrhoea, and possible cramping
INHALATION	:	May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath

LONG TERM EFFECTS

: N/A

12. ECOLOGICAL INFORMATION

BIODEGRADABILITY	:	N/A
AQUATIC TOXICITY	:	N/A
OTHER	:	N/A

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD	:	Disposal should be in accordance with local authority regulations
CONTAMINATED PACKAGING	:	As above

14. TRANSPORT INFORMATION

PACKAGING : In 25 kilo nett bags

TRANSPORT CLASSIFICATION : Not classified for transport

UN NUMBER : N/A

SHIPPING NAME : N/A

ICAO/IATA/IMDG CLASS : N/A

SUBSIDIARY RISK : N/A

PACKING GROUP : N/A

ADR CLASS : N/A

TRANSPORT HAZARD SYMBOL

HAZARD I.D NUMBER : N/A

EMERGENCY ACTION CODE : N/A

OTHER : N/A

15. REGULATORY INFORMATION

SUPPLY CLASSIFICATION : Harmful



HAZARD PICTOGRAM

RISK PHRASES : R20/22 Harmful by inhalation and if swallowed
R36/37/38 Irritating to the eyes, respiratory system and skin

SAFETY PHRASES : N/A

OTHER : N/A

16. OTHER INFORMATION

: Revised date: 14th November 2001 (9th Issue)

The above information complies with the Directive 67/548/EEC and amendments