



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : P 12325
Product Name : POTASSIUM FERRICYANIDE

Manufacturer/supplier identification
Company : NICE Chemicals (P) Ltd., Cochin, India
Tel - 0484 2800212, 2802755

Contact for information : Tel. No.- 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Potassium Ferricyanide

CAS-No : 137460-66-2 Ec-Index No. :
Molar Mass : 329.26 EC-No. : 237-323-3
Molecular formula : $C_6FeK_3N_6$

3. HAZARDS INDEX

No suitable data for toxicological evaluation are available. A classification according to corresponding categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the country concerned can therefore not be made. In this context, hazardous properties can therefore not be excluded.

4. FIRST AID MEASURES

After inhalation (large amounts of dusts) : Fresh air.
Consult doctor if feeling unwell.
After skin contact (particles, dusts) : Wash off under running water.
Remove contaminated clothing.
After eye contact (particle, dusts) : Rinse out with plenty of water with the eyelid held wide open. Summon eye specialist if necessary.
After swallowing (particles, dusts) : Drink plenty of water, induce vomiting. Summon doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.

Special risks: Non-combustible. Ambient fire may liberate hazardous vapours.



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Special protective equipment for fire fighting : Do not stay in dangerous zone without self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures : Avoid generation of dusts; do not inhale dusts.

Procedures for cleaning/absorption : Take up dry. Forward for disposal.
Clean up affected area.

Environmental-protection measures :
Do not allow to enter sewerage system.

7. HANDLING AND STORAGE

Handling - No further requirements.

Storage - Tightly closed. Dry. Protected from light.
Storage temperature : No restrictions.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.
Eye Protection : Required
Hand Protection : Required

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Industrial hygiene : Change contaminated clothing. Application of skin-Protective barrier cream recommended. Wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Dark red
Odour	:	Odourless
pH value at 50 g/l H ₂ O (20° C)	:	~ 6
Melting temperature	:	Not available
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash Point	:	Not applicable



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12. ECOLOGICAL INFORMATION

Ecotoxic effects :
Biological effects : Toxic for aquatic organisms.

Further ecologic data : The following applies to cyanogen compounds in general : cyanide ions : biological effects:fish : 60h. LC₅₀ :0.08mg/l lethal as from 0.05 mg/l : for lower organisms lethal as from 0.1 mg/l. Crustaceans : D.magna EC₅₀ : 1.0mg/l.
Do not allow to enter waters, waste water or soil.

13. DISPOSAL METHOD :

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like house-hold waste or recycled.

There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.

14. TRANSPORT INFORMATION

Not subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : ---
R-phrases : ---
S-phrases : ---

Water pollution class : 2 (polluting substance)

16. OTHER INFORMATION :

Reason for alteration.

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.