

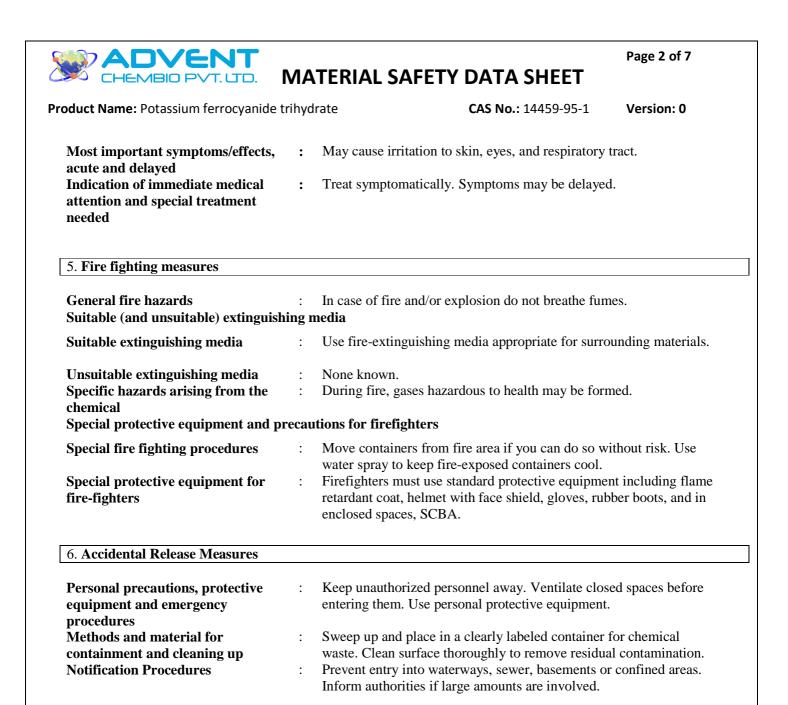
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Product Name: Potassium ferrocyanide trihydrate

CAS No.: 14459-95-1

Version: 0

Product Code :	90212, 90504	Ļ			
Company Name :	Advent Chem	nbio Private Limited	1		
Address :	W-288, MIDC, TTC INDUSTRIAL AREA, THANE-BELAPUR ROAD, RABALE, NAVI MUMBAI - 400 701.				
E-mail :		info@adventchembio.com			
WEBSITE :	www.adventchembio.com				
Company Phone Number :	022-2769083	7			
2. Composition/Information on Ir	gredients				
Ingredient		CAS No	Percent		
POTASSIUM FERROCYANIDE T	RIHYDRATE	14459-95-1	98-100 %		
Labels elements	ŊŢ				
Hazard classification	: Not cla	ssified			
Hazard symbol	: No svm	ibol			
-	: No sym : No sign				
Signal word	: No sign	ıbol nal word. oplicable.			
Signal word Hazard statement Precautionary statement	: No sigr : Not Ap : Not Ap	nal word.			
Hazard symbol Signal word Hazard statement Precautionary statement Other hazards which do not resul in GHS classification	: No sigr : Not Ap : Not Ap	nal word. plicable.			
Signal word Hazard statement Precautionary statement Other hazards which do not resul	: No sigr : Not Ap : Not Ap	nal word. plicable.			
Signal word Hazard statement Precautionary statement Other hazards which do not resul in GHS classification	: No sigr : Not Ap : Not Ap t : None. : Get me needed	nal word. oplicable. oplicable. edical advice/attenti	on if you feel unwell. If medical advice is ainer or label at hand. Show this safety attendance.		
Signal word Hazard statement Precautionary statement Other hazards which do not resul in GHS classification <u>4. First Aid Measures</u> General information Ingestion	 No sign Not Ap Not Ap Not Ap t None. t Get meneded data sh Rinse na POIS 	nal word. oplicable. oplicable. edical advice/attenti l, have product cont neet to the doctor in mouth thoroughly. I SON CENTER or do	ainer or label at hand. Show this safety attendance. Drink a few glasses of water or milk. Call octor/physician if you feel unwell.		
Signal word Hazard statement Precautionary statement Other hazards which do not resul in GHS classification 4. First Aid Measures	 No sign Not Ap Not Ap Not Ap t None. t Get meneded data sh Rinse na POIS 	nal word. oplicable. oplicable. edical advice/attenti l, have product cont neet to the doctor in mouth thoroughly. I SON CENTER or do	ainer or label at hand. Show this safety attendance. Drink a few glasses of water or milk. Call		
Signal word Hazard statement Precautionary statement Other hazards which do not resul in GHS classification <u>4. First Aid Measures</u> General information Ingestion	 No sign Not Ap Not Ap Not Ap t None. t Get me needed data sh Rinse n a POIS Move t Wash s irritatio reuse. 	al word. oplicable. oplicable. edical advice/attenti l, have product cont evet to the doctor in mouth thoroughly. I GON CENTER or do to fresh air. Get measkin thoroughly with on persists after was	ainer or label at hand. Show this safety attendance. Drink a few glasses of water or milk. Call octor/physician if you feel unwell.		



Environmental precautions

: Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.



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Precautions for safe handling	:	Use personal protective equipment as required. Avoid contact with eyes, skin, and clothing. Avoid inhalation of dust. Wash thoroughly
		after handling.
Conditions for safe storage,	:	Keep container tightly closed. Store in a well-ventilated place. Store
including any incompatibilities		in a dry place.

8. Exposure Controls Personal Protection

Control parameters				
Occupational exposure limits	:	None of the components have assigned exposure limits		
Appropriate engineering controls	:	: No data available.		
Individual protection measures, such	as a	personal protective equipment		
General information	:	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.		
Eye/face protection	:	Use tight fitting goggles if dust is generated.		
Hand protection	:	Wear protective gloves.		
Other	:	Wear suitable protective clothing.		
Respiratory protection	:	In case of inadequate ventilation use suitable respirator.		
Hygiene measures	:	Provide eyewash station and safety shower. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Avoid contact with eyes, skin, and clothing.		

Appearance	: Yellow Solid Granules.
Odor	: Odorless
pH	: No data available.
Melting point/freezing point	: 60 °C
Initial boiling point and boiling	: No data available
range	
Flash Point	: No data available
Vapor pressure	: No data available
Vapor density	: No data available
Relative density	: 1.85 (20 °C)
Solubility in water	: Soluble.
Solubility (other)	: No data available.



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Formula Molecular Weight	: :	K4Fe(CN)4.3H20 422.39 g/mol.
10. Stability and Reactivity		
Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Material is stable under normal conditions.
Possibility of hazardous reactions	:	Hazardous polymerization does not occur.
Conditions to avoid	:	Contact with incompatible materials.
Incompatible materials	:	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	:	Thermal decomposition may produce oxides of nitrogen. Cyanides.

11. Toxicological Information

Information on likely routes of exposure					
Ingestion	: Large amount may cause gastrointestinal upset.				
Inhalation Skin contact Eye contact	Dust may irritate respiratory system. May cause irritation. May cause temporary eye irritation.				
Information on toxicological effects					
Acute toxicity (list all possible routes	of exposure)				
Oral Product	: LD 50 (Rat): 6,400 mg/kg.				
Dermal Product	: No data available				
Inhalation Product Repeated dose toxicity Product	No data availableNo data available.				
Skin corrosion/irritation Product	: May cause skin irritation.				
Serious eye damage/eye irritation Product	: May irritate eyes.				
Respiratory or skin sensitization Product	: Not a skin sensitizer.				
Carcinogenicity Product IARC Monographs on the Evaluation of Carcinogenic Risks to Humans DIOXANE	This substance has no evidence of carcinogenic properties .No carcinogenic components identified.				
US. National Toxicology Program (NTP) Report on Carcinogens DIOXANE	: No carcinogenic components identified.				
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001- 1050	: No carcinogenic components identified.				



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Germ cell mutagenicity In vitro Product	: No mutagenic components identified.
In vivo Product	: No mutagenic components identified.
Reproductive toxicity Product	: No components toxic to reproduction.
Specific target organ toxicity -	: No data available.
single exposure Product	
Specific target organ toxicity -	: No data available.
repeated exposure Product	
Aspiration hazard Product	: Not classified.
Other effects	: None known.

12. Ecological Information

Ecotoxicity					
Acute hazards to the aquatic environment :					
Fish Product	•	No data available.			
Aquatic invertebrates Product	:				
Chronic hazards to the aquatic environment :					
Fish Product	: No data available.				
Aquatic invertebrates Product	:	No data available.			
Toxicity to Aquatic Plants Product:	:	No data available.			
Persistence and degradability	•				
Biodegradation Product	:	There are no data on the degradability of this product.			
BOD/COD ratio Product	:	No data available.			
Bioaccumulative potential					
Bioconcentration factor (BCF)	:	No data available on bioaccumulation.			
Product					
Partition coefficient n-octanol /	:	No data available.			
water (log Kow) Product					
Mobility in soil	:	The product is water soluble and may spread in water systems.			
Other adverse effects	:	The product components are not classified as environmentally			
		hazardous. However, this does not exclude the possibility that			
	large or frequent spills can have a harmful or damaging effect on				
		the environment.			
13. Disposal consideration					
Disposal instructions	or local laws. Dispose of contents/container to an appropriate				
Contaminated packaging	 treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Since emptied containers retain product residue, follow label warnings even after container is emptied. 				



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14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant			
DOT	Not regulated.							
IMDG			Not regulated.					
IATA			Not regulated.					

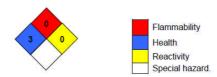
15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture No Data Available.

16. Other Information

NFPA Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe



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Issue Date :01/08/2014

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