

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 04/22/2015 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Product name : Statistication name : Product name : Classification name : Classification name : Classification name : None under normal conditions. : Classification	SECTION 1. Identification of the subs			
Product form : Mixture Product aname : Potassium Ferrocyanide, 10% w/v Product code : LC19060 1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture : For laboratory and manufacturing use only. 1.3. Details of the supplier of the safety data sheet LabChem Inc Jackson's Pointe Commerce Park Building 1000, 1010 Jackson's Pointe Court Zaleingpie, PA 1603 - USA T 412-826-520 : F 724 - 473-5047 Injoilated etem.org i - www Jachsem.com 1.4. Emergency tilephone number Emergency number : CHEMTREC: 1-800-424-9300 or 011-703-527-3887 SECTION 2: Hazards Identification 1.4. Emergency tilephone number Energency 10 with advism com 1.4. Classification of the substance or mixture Classification (CHS-US) Not classified 2.1. Classification of the substance or mixture 2.1. Classification of the substance or mixture 2.2. Label elements 2.2. Label elements The material is not a significant, immediate concern for Emergency Responders. 2.3. Other hazards 3.1. Substance 3.1. Substance 3.1. Substance 3.2. Mixture 3.1. Substance 3.2. Mixture 3.2. Mixture 3.1. Substance 3.1. Substance 3.2. Mixture 3.1. Substance 3.1. Substance 3.2. Mixture 3.2. Mixture 3.3. Other hazards 3.4. Substance 3.5. Mixture 3.5. Mixture 3.6. Mixture 3.6. Mixture 3.7. Mixture 3.7. Mixture 3.8. Mixture 3.8. Mixture 3.9. Mixture 3.1. Substance 3.1. Substance 3.1. Substance 3.2. Mixture 3.2. Mixture 3.3. Other hazards 3.4. Mixture 3.5. Mixture 3.5. Mixture 3.6. Mixture 3.6. Mixture 3.7. Mixture 3.7. Mixture 3.8. Mixture 3.8. Mixture 3.9. Mixture 3.9. Mixture 3.9. Mixture 3.1. Substance 3.1. Substance 3.1. Substance 3.2. Mixture 3.2. Mixture 3.3. Mixture 3.4. Mixture 3.5. Mixture 3.6. Mixture 3.6. Mixture 3.7. Mixture 3.7. Mixture 3.8. Mixture 3.8. Mixture 3.9. Mixture 3.9. Mixture 3.9. M	SECTION 1. Identification of the subs	tance/mixture and of the con	npany/undertaking	g
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12. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture : For laboratory and manufacturing use only. 13. Details of the supplier of the safety data sheet LabChem Inc Jackson's Pointe Commerce Park Building 1000, 1010 Jackson's Pointe Court Zellenople, PA (16063 - USA) T 12: 282-5230 - F 724-473-0647 info@liteDrem on	Product name	: Potassium Ferrocyanide, 10% w/v		
Use of the substance/mixture : For laboratory and manufacturing use only. 1.3. Details of the supplier of the safety data sheet LabChem Inc Jackson's Pointe Commerce Park Building 1000, 1010 Jackson's Pointe Court Zelenople, PA 16063 . USA Tal 2-826-520, 1054 Tal 2-826-520, 17 724-473-0647 info@libatchem.com Ind@libatchem.com - www.labchem.com Energency telephone number Energency telephone number : CHEMTREC: 1-800-424-9300 or 011-703-527-3887 SECTION 2: Hazards identification Energency telephone number 2.1. Classification of the substance or mixture Classification (GHS-US) Not classified Not classified Section 2 2.2. Label elements 2.3. Other hazards Other hazards not contributing to the substance or mixer None under normal conditions. classification : None under normal conditions. 2.4. Unknown acute toxicity (GHS US) Not applicable Section 3 3.1. Substance Not applicable Section 4 3.2. Mixture Image: Markung (cas No) 1742-18-5 3.2. Mixture Image: Mixture S	Product code	: LC19060		
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Jackson's Pointe Commerce Park Building 1000, 1010 Jackson's Pointe Court Zeilenople, PA 19083 - USA 1412 428-5230 · F 724-473-0647 Info@labchem.com · www.labchem.com Info@labchem.com · www.labchem.com Emergency telephone number Emergency telephone number Emergency telephone number E. CHEMTREC: 1-800-424-9300 or 011-703-527-3887 SECTION 2: Hazards identification 2.1. Classification of the substance or mixture Classification (GHS-US) Not classification (GHS-US) Not applicable SECTION 3: Composition/information on ingredients 3.1. Substance Not applicable 3.2. Mixture Not applicable 3.2. Mixture Nater (CAS No) 7732-18-5 89.2 Not classification (GHS-US) Nater (CAS No) 7732-18-5 89.2 Not classified Potassification (CAS No) 7732-18-5 89.2 Not classified Potassification (GHS-US) Nater (CAS No) 7732-18-5 89.2 Not classified	.3. Details of the supplier of the safety d	ata sheet		
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First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.				you feel unwell, seek medical
	First-aid measures after inhalation		,	
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.	First-aid measures after skin contact	•	all exposed skin area v	vith mild soap and water, followed
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.	First-aid measures after eye contact		er. Obtain medical atte	ntion if pain, blinking or redness
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.	First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiti	ng. Obtain emergency	medical attention.
4.2. Most important symptoms and effects, both acute and delayed		s, both acute and delayed		
	I.2. Most important symptoms and effect			
e insternet insterne	I.2. Most important symptoms and effect Symptoms/injuries	: Not expected to present a significant	hazard under anticipat	ted conditions of normal use.
Symptoms/injuries after ingestion Headache. Nausea. Vomiting.	Symptoms/injuries		hazard under anticipat	ted conditions of normal use.
	Symptoms/injuries Symptoms/injuries after ingestion	: Headache. Nausea. Vomiting.		ted conditions of normal use.

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SECTION 5: Firefighting	measures	
5.1. Extinguishing media		
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.	
Unsuitable extinguishing media	: Do not use a heavy water stream.	
5.2. Special hazards aris	ing from the substance or mixture	
No additional information available	ble	
5.3. Advice for firefighter	rs	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any	
Protection during firefighting	chemical fire. Prevent fire-fighting water from entering environment.Do not enter fire area without proper protective equipment, including respiratory protection.	
SECTION 6: Accidental	release measures	
6.1. Personal precaution	s, protective equipment and emergency procedures	
6.1.1. For non-emergency	personnel	
Protective equipment	: Safety glasses. Gloves.	
Emergency procedures	: Evacuate unnecessary personnel.	
6.1.2. For emergency resp	onders	
Protective equipment	: Equip cleanup crew with proper protection.	
Emergency procedures	: Ventilate area.	
6.2. Environmental preca	autions	
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.		
6.3. Methods and materia	al for containment and cleaning up	
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect	
	spillage. Store away from other materials.	
6.4. Reference to other s		
See Heading 8. Exposure contro		
SECTION 7: Handling ar		
7.1. Precautions for safe	-	
Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.	
7.2. Conditions for safe s	storage, including any incompatibilities	
Storage conditions	: Keep container closed when not in use.	
Incompatible products	: Strong acids.	
Incompatible materials	: Sources of ignition. Direct sunlight.	
7.3. Specific end use(s) No additional information available		
SECTION 8: Exposure c	ontrols/personal protection	
8.1. Control parameters		
Potassium Ferrocyanide, 10	% w/v	
ACGIH	Not applicable	
OSHA	Not applicable	
Potassium Ferrocyanide, Tri	hydrate (14459-95-1)	
ACGIH	ACGIH TWA (mg/m ³) 1 mg/m ³ Iron salts, soluble, as Fe	
OSHA	Not applicable	
Water (7732-18-5)		
	Not applicable	
Water (7732-18-5)	Not applicable Not applicable	

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8.2. Exposure controls	
Appropriate engineering controls	: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: Wear appropriate mask.
Other information	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemica	l properties
9.1. Information on basic physical and	I chemical properties
Physical state	: Liquid
Color	: Yellow
Odor	: None.
Odor threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 1.06 g/ml
Solubility	 Soluble in water. Water: Solubility in water of component(s) of the mixture : 28 g/100ml
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: 1.06 cSt
Viscosity, dynamic	: No data available
9.2. Other information	
No additional information available	

SECT	ION 10: Stability and reactivity
10.1.	Reactivity
No addi	tional information available
10.2.	Chemical stability
Not esta	ablished.
10.3.	Possibility of hazardous reactions
Not esta	ablished.
10.4.	Conditions to avoid
Direct s	unlight Extremely high or low temperatures

Direct sunlight. Extremely high or low temperatures.

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10.5. Incompatible materials	10.5. Incompatible materials		
Strong acids.			
10.6. Hazardous decomposition products			
Hydrogen cyanide. Carbon monoxide. Carbon diox	xide Sulfur compounds		
SECTION 11: Toxicological information	on		
11.1. Information on toxicological effects			
, ,	: Skin and eye contact		
Acute toxicity	: Not classified		
Potassium Ferrocyanide, Trihydrate (14459-9	5-1)		
LD50 oral rat	3613 mg/kg		
ATE US (oral)	2970.000 mg/kg body weight		
Water (7732-18-5)			
LD50 oral rat	≥ 90000 mg/kg		
ATE US (oral)	90000.000 mg/kg body weight		
Skin corrosion/irritation	: Not classified		
Serious eye damage/irritation	: Not classified		
Respiratory or skin sensitization	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
-F	: Not classified		
Specific target organ toxicity (single exposure)	: Not classified		
Specific target organ toxicity (repeated	: Not classified		
exposure)			
Aspiration hazard	: Not classified		
Potential Adverse human health effects and	: Based on available data, the classification criteria are not met.		
symptoms			
Symptoms/injuries after ingestion	: Headache. Nausea. Vomiting.		
SECTION 12: Ecological information			

12.2. Persistence and degradability		
Potassium Ferrocyanide, 10% w/v		
Persistence and degradability	Not established.	
Potassium Ferrocyanide, Trihydrate (14459	I-95-1)	
Persistence and degradability	Not established.	
Water (7732-18-5)		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
Potassium Ferrocyanide, 10% w/v		
Bioaccumulative potential	Not established.	
Potassium Ferrocyanide, Trihydrate (14459-95-1)		
Bioaccumulative potential	Not established.	
Water (7732-18-5)		
Bioaccumulative potential	Not established.	
12.4. Mobility in soil		
No additional information available		

^{12.1.} Toxicity No additional information available

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12.5. Other adverse effects	
Effect on the global warming	: No known ecological damage caused by this product.
Other information	: Avoid release to the environment.
SECTION 13: Disposal consider	ations
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport informa	tion
Department of Transportation (DOT)	
In accordance with DOT	
Not regulated for transport	

Not regulated for transport

Additional information

Other information

: No supplementary information available.

ADR

No additional information available

Transport by sea No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA		
Potassium Ferrocyanide, 10% w/v		
WHMIS Classification Uncontrolled product according to WHMIS classification criteria		
Potassium Ferrocyanide, Trihydrate (14459-95-1)		
Not listed on the Canadian DSL (Domestic Substances List)		
WHMIS Classification Uncontrolled product according to WHMIS classification criteria		
Water (7732-18-5)		
Listed on the Canadian DSL (Domestic Substances List)		
VHMIS Classification Uncontrolled product according to WHMIS classification criteria		

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP] No additional information available

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] Not classified

National regulations

Potassium Ferrocyanide, Trihydrate (14459-95-1)

Not listed on the Canadian IDL (Ingredient Disclosure List)

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Water (7732-18-5)

Not listed on the Canadian IDL (Ingredient Disclosure List)

15.3. US State regulations

SECTION 16: Other information	
Other information	: None.
NFPA health hazard	: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard	: 0 - Materials that will not burn.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	\checkmark
Health	: 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability	: 0 Minimal Hazard - Materials that will not burn
Physical	O Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
Personal Protection	: B
	B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

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