

Company: DALCHEM, MOSKOVSKOE SHOSSE, 85, Nizhny Novgorod, 603000, RUSSIA
TEL: + 7 (8312) 753-772, FAX: +7 (8312) 750-799

SECTION 1: Product Identification

Product name	Potassium tri-i-propylcyclopentadienide, tetrahydrofuran complex
CAS #	NA
Catalog #	0780355
Chemical family	Cyclopentadienide metal derivatives

SECTION 2: Composition, Information on Ingredients

Component	%	CAS #	EINECS #	Hazard Symbol	R-Phrase
Potassium tri-i-propylcyclopentadienide, tetrahydrofuran complex	-	NA	NA	F XI	10 36/37/38

SECTION 3: Hazard Identification

Emergency overview	Irritating to eyes, respiratory system and skin. Flammable solid. Air sensitive material.
Eye contact	Causes mild irritation of the eyes.
Skin contact	Causes skin irritation. May be harmful if absorbed through the skin.
Inhalation	Causes respiratory tract irritation. May be harmful if inhaled.
Ingestion	No information is available on the physiological effects of ingestion.
Chronic health effects	Not available.

SECTION 4: First Aid Measures

Eye exposure	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
Skin exposure	Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Inhalation	Remove from exposure to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, pain, etc. In such cases seek immediate medical assistance.
Ingestion	Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

SECTION 5: Fire Fighting Measures

General information	Flammable material. If this material is involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing. If involved in a fire this material may emit toxic organic fumes.
Extinguishing media	Carbon dioxide, or chemical foam.

SECTION 6: Accidental Release Measures

Spill and leak procedures	Small spills can be mixed with vermiculite or sodium carbonate or other inert material and swept up.
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SECTION 7: Handling and Storage	
Handling	Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Handle under inert atmosphere of nitrogen or argon.
Storage	Store in a cool, dry place under inert atmosphere of argon or nitrogen.
SECTION 8: Exposure Controls and Personal Protection	
Eye protection	Always wear approved safety glasses when handling a chemical substance in the laboratory.
Skin protection	Wear protective gloves.
Ventilation	Handle the material in an efficient fume hood.
Respirator	If ventilation is not available a respirator should be worn. The use of respirators requires Respirator Protection Program to be in compliance with 29CFR 1910.134.
SECTION 9: Physical and Chemical Properties	
Appearance	White powdr.
Odor	None
Melting point	No data
Boiling point	No data
Flash point	No data
Solubility in water	No data
Specific gravity	No data
Molecular formula	C ₁₄ H ₂₃ K x C ₄ H ₈ O
Molecular weight	230.43 (302.53)
SECTION 10: Stability and Reactivity	
Stability	Air sensitive solid.
Hazardous polymerization	No hazardous polymerization.
Conditions to avoid	Incompatible materials, exposure to the air.
Incompatibilities with other materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon monoxide, carbon dioxide, potassium oxide, organic fumes
SECTION 11: Toxicological Information	
RTECS Data	No information available in the RTECS files.
Carcinogenic effects	No data available.
Mutagenic effects	No data available.
Tetratogenic effects	No data available.
SECTION 12: Ecological Information	
Ecological information	No information available.
SECTION 13: Disposal Considerations	
Dispose of in a manner consistent with federal, state, and local regulations.	

SECTION 14: Transport Information	
Shipping name (CFR)	Flammable solid, organic, N.O.S.*
Hazard class (CFR)	4.1
Additional hazard class (CFR)	NA
Packing group (CFR)	II
UN ID number (CFR)	1325
Shipping name (IATA)	Flammable solid, organic, N.O.S.*
Hazard class (IATA)	4.1
Additional hazard class (IATA)	NA
Packing group (IATA)	II
UN ID number (IATA)	1325
SECTION 15: Regulatory Information	
TSCA	Not listed in the TSCA inventory
SARA	Not reportable under SARA Title 313.
SECTION 16: Other Information	
Preparation date	02.11.07
Revision date	02.11.07
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