



Material Safety Data Sheet

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SECTION 1: Product Identification

Product name	Tris(i-propylcyclopentadienyl)scandium (REO)
CAS #	Not available
Catalog #	0210950
Chemical family	Alkylcyclopentadienyl metal derivatives

SECTION 2: Composition, Information on Ingredients

Component	%	CAS #	EINECS #	Hazard Symbol	R-Phrase
Tris(i-propylcyclopentadienyl)-scandium		NA	none	F Xi	11 14 36/37/38

SECTION 3: Hazard Identification

Emergency overview	Flammable. Reacts with water. Irritating to eyes, respiratory system and skin.
Eye contact	Causes eye irritation.
Skin contact	May cause skin irritation. May be harmful if absorbed through the skin.
Inhalation	Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Ingestion	May be harmful if swallowed.
Chronic health effects	Not available.

SECTION 4: First Aid Measures

Eye exposure	Flush eyes with of water for at least 10-15 minutes, get medical aid immediately.
Skin exposure	Wash the affected area with water. Remove contaminated clothes if necessary. Get medical aid.
Inhalation	Remove the victim 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 without medical consultation. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Seek medical attention.

SECTION 5: Fire Fighting Measures

General information	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. Flammable liquid. Emits toxic fumes under fire conditions. Water reactive material.
Extinguishing media	Dry chemical, carbon dioxide, or chemical foam. Do not use water!

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. Use non-sparking tools.
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SECTION 7: Handling and Storage	
Handling	Avoid breathing vapor. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Handle only under inert atmosphere of argon or nitrogen.
Storage	Store in a tightly closed container. Store under inert atmosphere of argon or nitrogen. Keep away from heat, sparks and open flame. Flammable area. Water-reactive area.
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 only 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	Red viscous liquid.
Odor	No data
Melting point	No data
Boiling point	No data
Flash point	No data
Solubility in water	Reacts with water
Density	No data
Molecular formula	C ₂₄ H ₃₃ Sc
Molecular weight	366.48
SECTION 10: Stability and Reactivity	
Stability	Air and moisture sensitive liquid.
Hazardous polymerization	No hazardous polymerization.
Conditions to avoid	Contact with water, air, and ignition sources.
Incompatibilities with other materials	Strong oxygen agents, water, bases.
Hazardous decomposition products	Carbon dioxide, carbon monoxide, metal oxides, 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.
Tetragenic 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)	Organometallic substance, liquid, water-reactive, flammable *
Hazard class (CFR)	4.3
Additional hazard class (CFR)	NA
Packing group (CFR)	II
UN ID number (CFR)	3399
Shipping name (IATA)	Organometallic substance, liquid, water-reactive, flammable *
Hazard class (IATA)	4.3
Additional hazard class (IATA)	NA
Packing group (IATA)	II
UN ID number (IATA)	3399
SECTION 15: Regulatory Information	
TSCA	Not listed in the TSCA inventory.
SARA	Not reportable under SARA Title 313.
SECTION 16: Other Information	
Preparation date	04.12.07
Revision date	04.12.07
The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.	