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SECTION 1: Product Identification

Product name	rac-Ethylenebis(1-indenyl)titanium dichloride, 98%
CAS #	Not available
Catalog #	0221600
Chemical family	Arene-metal complexes

SECTION 2: Composition, Information on Ingredients

Component	%	CAS #	EINECS #	Hazard Symbol	R-Phrase
rac-Ethylenebis-(1-indenyl)titanium dichloride	98	Not available	none	Xi	36/37/38

SECTION 3: Hazard Identification

Emergency overview	Irritating to eyes, respiratory system and skin. Moisture sensitive solid.
Eye contact	May cause severe irritating to the eyes.
Skin contact	May cause severe irritating to the skin.
Inhalation	Irritating to the nose, mucous membranes and respiratory tract.
Ingestion	May cause irritation of the gastrointestinal tract.
Chronic health effects	No information available about long-term effects.

SECTION 4: First Aid Measures

Eye exposure	Immediately flush eyes with plenty amount of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin exposure	Get medical aid. Flush skin with water for at least 15 minutes while removing contaminated clothing and shoes if it is necessary.
Inhalation	Remove from exposure to fresh air.
Ingestion	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid.

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. If involved in fire material may emit toxic organic fumes.
Extinguishing media	Don't use water! Use carbon dioxide and organic fume.

SECTION 6: Accidental Release Measures

Spill and leak procedures	Small spills can be mixed with vermiculite or sodium carbonate or other inert noncombustible material and swept up.
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SECTION 7: Handling and Storage	
Handling	Avoid contact with eyes, skin or clothing. Handle under inert atmosphere: the material may decompose under prolonged exposure to the moisture.
Storage	Store in the tightly closed container. Store in a dry place. Keep away from the moisture. Store under inert atmosphere. Keep away from the direct sunlight and heat.
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	If possible, 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	Brown powdr.
Odor	Acidic odor
Melting point	No data
Boiling point	No data
Flash point	No data
Specific gravity	No data
Solubility	Reacts with water
Molecular formula	C ₂₀ H ₁₆ Cl ₂ Ti
Molecular weight	375.11
SECTION 10: Stability and Reactivity	
Stability	Moisture sensitive solid.
Hazardous polymerization	No hazardous polymerization.
Conditions to avoid	Contact with moisture.
Incompatibilities with other materials	Oxidizing agents and water.
Hazardous decomposition products	Carbon dioxide, carbon monoxide, hydrogen chloride, titanium oxide and organic fumes.
SECTION 11: Toxicological Information	
RTECS Data	Unlisted.
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)	Non-hazardous
Hazard class (CFR)	NA
Additional hazard class (CFR)	NA
Packing group (CFR)	NA
UN ID number (CFR)	NA
Shipping name (IATA)	Non-hazardous
Hazard class (IATA)	NA
Additional hazard class (IATA)	NA
Packing group (IATA)	NA
UN ID number (IATA)	NA
SECTION 15: Regulatory Information	
TSCA	Not available.
SARA	Not available.
SECTION 16: Other Information	
Preparation date	10.07.06
Revision date	10.07.06
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