

Material Safety Data Sheet

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

	22. 1 7 (00)		2 772,1111.	-7 (0312) 730-7			
SECTION 1: Product Identification							
Product name	Tris(dimethylamino)pentamethylcyclopentadienyltitanium						
CAS#	Not available						
Catalog #	0222050						
Chemical family		adien	yl metal amide	S			
Oneman aming							
SECTION 2: Composition, Information on Ingredients							
Component		%	CAS #	EINECS #	Hazard Symbol	R-Phrase	
Tris(dimethylamino)pentamethyl		,,,	NA	none	F Xi	11 14	
cyclopentadienyltitanium			11/1	Hone	1 71	36/37/38	
J. I.						30/3/130	
SECTION 2. Hazard Identification							
Emergency overview	SECTION 3: Hazard Identification Emergency everyway: Florenche Recets with vector Imitating to every reconstructory evertern and skin						
Emergency overview Eye contact	Flammable. Reacts with water. Irritating to eyes, respiratory system and skin.					ii aiiu SKIII.	
Skin contact	May cause mild irritation of the eyes						
Inhalation	May cause mild irritation of the skin.						
Ingestion	May cause mild irritation of the respiratory tract. No information available about toxicological effect of the ingestion. May be						
Ingestion				ut toxicologica	ii cricci or the hige	stion. Way be	
Chronic health effects	harmful if ingested. Not available.						
Chi onic nearth circus	1 (ot a varia	010.					
	CI	ECT1	ON 1. First	Aid Massura			
Eye exposure	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					ush skin with plenty	of water for at	
Skin exposure			-	-	d clothing and shoes.		
Inhalation					y monitor the victin		
					preathing, pain, etc.		
	seek imme	diate	medical assista	ance.	5 2		
Ingestion	Do not in	duce	vomiting. If v	ictim is consci-	ous and alert, give	2-4 cupfuls of	
		milk or water. Get medical aid immediately.					
	SEC	CTIO	N 5: Fire Fig	hting Measu	res		
General information					d in a fire, fire figh	ters should be	
	equipped	with	a NIOSH app	roved positive	pressure self-contain	ned breathing	
	apparatus and full protective clothing. If involved in a fire this material may						
	emit toxic organic fumes.						
Extinguishing media	Use foam,	dry c	hemical, or car	bon dioxide.			
SECTION 6: Accidental Release Measures							
Spill and leak	Small spills can be mixed with vermiculite or sodium carbonate or other inert						
procedures	material and swept up.						

	SECTION 7: Handling and Storage					
Handling	Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on					
	clothing. Handle material under inert atmosphere of argon or nitrogen.					
Storage	Store in a cool, dry place. Store in a tightly closed container under in					
	atmosphere of nitrogen and argon. Keep away from the sources of ignition, heat					
	and direct sunlight. Flammable area.					
SEC	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	Always handle 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	Red xtl.					
Odor	None					
Melting point	No data					
Boiling point	No data					
Flash point	No data					
Solubility in water	No data					
Density	No data					
Molecular formula	C16H33N3Ti					
Molecular weight	315.32					
G. J.M.	SECTION 10: Stability and Reactivity					
Stability	Air and moisture sensitive solid.					
Hazardous	No hazardous polymerization					
polymerization	Dualanced contest with maisture and six contest with isn't is a source					
Conditions to avoid	Prolonged contact with moisture and air, contact with ignition sources.					
Incompatibilities with other materials	Water, moist air, oxidizing agents.					
Hazardous decompo-	Carbon monoxide, carbon dioxide, titanium oxide, nitrogen oxide, organic					
sition products	fumes.					
Sition products	Tunies.					
	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	No information available.					
information						
·						
SECTION 13: Disposal Considerations						
Dispose of in a manner consistent with federal, state, and local regulations.						
F						

SECTION 14: Transport Information					
Shipping name (CFR)	Organometallic substance, solid, water-reactive, flammable*				
Hazard class (CFR)	4.3				
Additional hazard	4.1				
class (CFR)	II				
Packing group (CFR)					
UN ID number (CFR)	3396				
Shipping name	Organometallic substance, solid, water-reactive, flammable*				
(IATA)					
Hazard class (IATA)	4.3				
Additional hazard	4.1				
class (IATA)					
Packing group	II				
(IATA)					
UN ID number	3396				
(IATA)					
SECTION 15: Regulatory Information					
TSCA	Not listed in the TSCA inventory				
SARA	Not reportable under SARA Title 313.				
SECTION 16: Other Information					
Preparation date	13.04.10				
Last revision date	13.04.10				

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.