

INTATRADE
MATERIAL SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

Printed: 13.04.2022

1. IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY

Product name: **Tris(i-propylcyclopentadienyl)neodymium(III)**
 Product code: EO00271
 Company: INTATRADE Chemicals GmbH
 Am Winkel 5
 06774 Muldestausee OT Burgkernitz, Germany
 Phone +49 34955 406945
 Fax +49 34955 406946
 e-mail: intatrade@intatrade.de

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
 Flammable solids Category 2
 Skin Corrosion/Irritation Category 2
 Serious Eye Damage/Eye Irritation Category 2
 Specific target organ toxicity (single exposure) Category 3
 Target Organs Respiratory system.
 Label elements Labelling according Regulation (EC) No 1272/2008



Pictogram
 Signal word **Warning**
 Hazard statement(s) Flammable solid
 Causes skin irritation
 Causes serious eye irritation
 May cause respiratory irritation

Precautionary Statements
 Prevention Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ventilating/lighting/equipment
 Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Skin Call a POISON CENTER or doctor/physician if you feel unwell
 IF ON SKIN: Wash with plenty of soap and water
 If skin irritation occurs: Get medical advice/attention
 Eyes Take off contaminated clothing and wash before reuse
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 Fire In case of fire: Use CO₂, dry chemical, or foam for extinction

Storage	Store in a well-ventilated place. Keep container tightly closed Store locked up
Disposal	Dispose of contents/container to an approved waste disposal plant
Hazards not otherwise classified (HNOC) - None identified	

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No. : 69021-85-8

4. FIRST AID MEASURES

General Advice	If symptoms persist, call a physician.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
Most important symptoms and effects	None reasonably foreseeable.
Notes to Physician	Treat symptomatically

5. FIREFIGHTING MEASURES

Unsuitable Extinguishing Media	No information available
Flash Point	> 110 °C / > 230 °F
Method	No information available
Autoignition Temperature	No information available
Explosion Limits	
Upper	No data available
Lower	No data available
Sensitivity to Mechanical Impact	No information available
Sensitivity to Static Discharge	No information available
Specific Hazards Arising from the Chemical	Keep product and empty container away from heat and sources of ignition.
Hazardous Combustion Products	None known.
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
NFPA	Health 2 Flammability 2 Instability 0 Physical hazards –

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.
Environmental Precautions	Should not be released into the environment. See Section 12 for additional Ecological Information.
Methods for Containment and Clean Up	Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling	Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Avoid dust formation.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Measures	Ensure that eyewash stations and safety showers are close to the workstation location.
Personal Protective Equipment Eye/face Protection	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory Protection European Standard	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid Crystalline
Appearance	No information available
Odor	No information available
Odor Threshold	No information available
pH	No information available
Melting Point/Range	No data available
Boiling Point/Range	No information available
Flash Point	> 110 °C / > 230 °F
Evaporation Rate	Not applicable
Flammability (solid,gas)	No information available
Flammability or explosive limits Upper	No data available
Lower	No data available
Vapor Pressure	No information available
Vapor Density	Not applicable
Specific Gravity	No information available
Solubility	No information available
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	Not applicable

10. STABILITY AND REACTIVITY

Reactive Hazard	None known, based on information available
Stability	Stable under normal conditions.
Conditions to Avoid	Incompatible products.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	None under normal use conditions
Hazardous Polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Product Information
Component Information	
Toxicologically Synergistic Products	- No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure	
Irritation	No information available
Sensitization	No information available
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.
Component	Tris(isopropylcyclopentadienyl)neodymium(III)
CAS-No	69021-85-8
IARC	Not listed
NTP	Not listed
ACGIH	Not listed
OSHA	Not listed
Mexico	Not listed
Mutagenic Effects	No information available
Reproductive Effects	No information available.
Developmental Effects	No information available.
Teratogenicity	No information available.
STOT - single exposure	Respiratory system
STOT - repeated exposure	None known
Aspiration hazard	No information available
Symptoms / effects, both acute and delayed	No information available
Endocrine Disruptor Information	No information available
Other Adverse Effects	The toxicological properties have not been fully investigated.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Do not empty into drains.
Persistence and Degradability	Insoluble in water
Bioaccumulation/ Accumulation	No information available.
Mobility	Is not likely mobile in the environment due its low water solubility.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.
------------------------	---

14. TRANSPORT INFORMATION

DOT		
	UN-No	UN3181
	Proper Shipping Name	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S. Technical Name (Tris(isopropylcyclopentadienyl)neodymium(III))
	Hazard Class	4.1
	Packing Group	III
TDG		
	UN-No	UN3181
	Proper Shipping Name	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.
	Hazard Class	4.1
	Packing Group	III
IATA		
	UN-No	UN3181
	Proper Shipping Name	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.*
	Hazard Class	4.1
	Packing Group	III
IMDG/IMO		
	UN-No	UN3181
	Proper Shipping Name	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.
	Hazard Class	4.1
	Packing Group	III

15. REGULATORY INFORMATION

International Inventories

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Australia (AICS), China (IECSC), Korea (ECL).

DSL	-
NDSL	-
EINECS	-
PICCS	-
ENCS	-
AICS	-
IECSC	-
KECL	-

U.S. Federal Regulations

SARA 313	Not applicable
SARA 311/312	Hazard Categories See section 2 for more information
CWA (Clean Water Act)	Not applicable
Clean Air Act	Not applicable
OSHA - Occupational Safety and Health Administration	Not applicable
CERCLA	Not applicable
California Proposition 65	This product does not contain any Proposition 65 chemicals.
U.S. State Right-to-Know Regulations	Not applicable
U.S. Department of Transportation Reportable Quantity (RQ):	N
DOT Marine Pollutant	N
DOT Severe Marine Pollutant	N

U.S. Department of Homeland Security

This product does not contain any DHS chemicals.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Intatrade Chemicals GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.