

GHS Material Safety Data Sheet

MSDS No. : NDE01GAEG

Date Issued: 2011/04/04

Section 1. Identification of the substance or mixture and of the supplier

1.1 Product Information

Product name: Neodymium

Product number:	Purity	Form	Size (mm) or Shape
NDE01GB	99.9%(3N)	grains	
NDE02GB	99.9%(3N)	turnings	
NDE01CB	99.9%(3N)	chips	5×5×t1
NDE02CB	99.9%(3N)	chips	10×10×t1

1.2 Company Information:

Manufacturer : Kojundo Chemical Laboratory Co., Ltd

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Section 2. Hazards identification

GHS Classification

Health Hazards	Environmental Hazards	Physical Hazards
No data available	No data available	No data available

GHS Label: Not applicable

Pictograms or symbols : Not applicable

Warning word: Not applicable

Hazard information: Not applicable

Description of precaution: Not applicable

Additional hazard information :

Contact with water may liberate flammable gases.

With respect to additional hazard information, see Section 11.

Section 3. Composition / information on ingredients

Chemical or common name:	Neodymium
Chemical formula:	Nd
Single Substance or Compound:	Single substance
Composition:	100%
CAS #:	7440-00-8
RTECS#:	QO8575000
TSCA inventory:	listed
EINECS:	2311093

Section 4. First aid measures

Eye contact:	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
Skin contact:	Promptly flush contaminated skin with soap or mild detergent and water. Contact physician if irritation continues.
Inhalation:	Remove the exposed person immediately and provide fresh air. Get medical attention.
Ingestion:	Rinse mouth and throat with water. Get medical attention immediately.

Section 5. Fire fighting measures

Extinguishing media:	Dry sand,Carbon dioxide,Dry chemical powder,Metal fire powder. Do not use water.
Fire fighting:	Contact with water may liberate flammable gases. Remove containers to safe place if possible. Self-contained breathing apparatus and full protective clothing should be used, if the material is involved in fire.

Section 6. Accidental release measures

Personal Precautions:	Workers should use protective wears to prevent contact with the spilt adhesive and inhalation of its vapor/ dust/ fume.
Environmental hazard precautions:	Shut off leak if without risk. Prevent flow out to river, etc. so as not to badly affect.
Method for containment and cleaning up:	Eliminate all sources of ignition. Indoor leakage: Ventilate as much as possible until the cleaning is completed. Outdoor leakage: Work from the windward and evacuate the leeward crowd. Cover with dry earth, sand or other non-combustible material, and gather up, pack in closed container as much as possible. Carefully collect remnant and move to a safe place. Do not get water inside containers.

Section 7. Handling and storage**Precautions to be taken in handling:**

Safe handling:	Handle the material in a dry inert gas atmosphere, utilizing glove bag or glove box. Keep away from moisture when handling. Keep container or bottle tightly closed when not in use. Handling worker wears suitable protective clothing. Keep away from heat, sparks and naked flame.
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Carcinogenicity:	GHS ; No data available
Reproductive toxicity:	GHS ; No data available
Specific target organ toxicity — single exposure:	GHS ; No data available
Specific target organ toxicity — repeated exposure:	GHS ; No data available

Other cautions: Mechanical stimulation by dust affects eyes, skin and respiratory system.

Section 12. Ecological information

Ecotoxicity:	
Hazards to the aquatic environment — acute toxicity:	GHS ; No data available
Hazards to the aquatic environment — chronic toxicity:	GHS ; No data available
Fish toxicity:	No data available
Degradability:	No data available
Bioaccumulative potential:	No data available
Ozone layer:	No Freon or Halon

Section 13. Disposal considerations

Disposal method: User of the product should contract with the local government or licensed 'Industrial Waste Haulers' for disposal of waste.

Section 14. Transport information

UN classification:	not hazardous
UN number:	not hazardous
HS code:	2805.30
Marine pollution:	None
Precautions:	Container should be transported in a secure position, in a well-ventilated vehicle.

Section 15. Regulatory information

TSCA inventory : listed.

Please refer to any other local / national measures that may be relevant.

Section 16. Other information

The information described above is believed to be correct. However, Kojundo Chemical Lab. makes no representation, warranty nor guarantee of any kind with respect to the information on this data sheet or any use of the product based upon this information.