S a f e t y D a t a S h e e t

According to Regulation (EC) 1907/2006

15A707 **Nickel-Aluminium alloy** according to Raney PS

1. Identification of the substance/preparation and of the company or firm

1.1 Identification of the substance or preparation

Name:

Nickel-Aluminium alloy according to Raney

1.2 Use of the substance/preparation:

For laboratory utilisation, analysis, research and fine chemistry.

1.3 Identification of the company or firm:

PANREAC QUIMICA, S.L.U.
C/Garraf, 2
Polígono Pla de la Bruguera
E-08211 Castellar del Vallès
(Barcelona) Spain
Tel. (+34) 937 489 400
e-mail: product.safety@panreac.com

Emergencies:

Single telephone number for emergency calls: 112 (EU)

Tel.:(+34) Tel.:(+34) 937 489 499

2. Identification of dangers

Contact with water liberates extremely flammable gases. Limited evidence of a carcinogenic effect. May cause sensitization by skin contact.

3. Component Composition/Information

Name: Nickel-Aluminium alloy according to Raney
CAS [12003-78-0]
EC number (EINECS): 234-439-6

4. First aid

4.1 General indications:

4.2 Inhaling:

Go out into the fresh air.

4.3 Contact with the skin:

Wash with plenty of water. Remove contaminated clothing.

4.4 Eyes:

Wash with plenty of water, keeping eyelids open.

4.5 Swallowing:

Drink large amounts of water. Induce vomiting. In the event of sickness, seek medical assistance.

5. Fire-fighting means

5.1 Suitable fire-extinguishing means:

Dry powder, special for metals. Smother with dry earth or sand.

5.2 Fire-fighting means which must NOT be used:

Water.

5.3 Special risks:

Encourages fire to break out. Keep away from combustible substances. Risk of explosion of dust. Keep away from sources of ignition.

5.4 Protective equipment:

---

6. Measures to be taken in the event of accidental spillage

6.1 Individual precautions:

6.2 Precautions for care of the environment:

6.3 Methods for collection/cleaning:

Collect up dry and deposit in waste containers for subsequent elimination in accordance with current legislation.

7. Handling and storage

7.1 Handling:

No special indications.

7.2 Storage:

Well sealed containers. Dry atmosphere. In a cool place.

8. Staff exposure/protection controls

8.1 Technical protective measures:

8.2 Exposure limit control:

8.3 Respiratory protection:

If dust forms, use suitable respiratory protection.

8.4 Hand protection:

Use suitable gloves

8.5 Eye protection:

Use suitable goggles.

8.6 Individual hygiene measures:

Wash hands before breaks and when the job is done.

8.7 Environmental exposure controls:

Fulfill the commitments under local environmental protection legislation.

The supplier of the protection equipment must specify the type of protection to be worn when handling the substance or preparation, including the type of material and the breakthrough time of the material, with regard to the amount and duration of exposure.

9. Physical and chemical properties

Appearance:

Silvery-grey solid.

Odour:

Odourless.

Density (20/4): 3,46

Solubility: Insoluble in water

10. Stability and reactivity

10.1 Conditions which should be avoided:

10.2 Matter which should be avoided:

Acids. Alkaline hydroxides.

10.3 Hazardous decomposition products:

Hydrogen.

10.4 Complementary information:

---

11. Toxicological information

11.1 Acute toxicity:

11.2 Dangerous effects for health:

The data we have are insufficient for correct toxicological assessment. Based on the physico-chemical properties, the likely dangerous characteristics are:
If dust inhaled: sensitization, allergic reaction.
Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

12. Environmental information

12.1 Mobility:

12.2 Ecotoxicity:

12.1.1 - EC_{50} test (mg/l):

12.2.2 - Receptor medium:

Risk for the water environment = ----

Risk for the land environment = ----

12.2.3 - Observations:

12.3 Degradability:

12.3.1 - Test:-------

12.3.2 - Biotic degradation classification:

BOD_5/COD Biodegradability = -----

12.3.3 - Abiotic degradation depending on pH: -------

12.3.4 - Observations:

12.4 Accumulation:

12.4.1 - Test:

12.4.2 - Bioaccumulation:

Risk = -----

12.4.3 - Observations:

12.5 Other possible effects on the environment:

If suitable handling conditions are maintained, no ecological problems are to be anticipated.

13. Considerations regarding elimination

13.1 Substance or preparation:

In the European Union, there are no homogeneous standards established for elimination of chemical waste, which is waste of a special nature, and treatment and elimination of same is subject to the domestic legislation in each country. In view of this, in each case, you should contact the competent authority or those companies legally authorized for elimination of waste.
2001/573/EC: Council Decision of 23 July 2001 amending Commission Decision 2000/532/EC as regards the list of wastes.
Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

13.2 Contaminated containers:

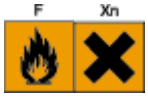
Contaminated containers and packaging of dangerous substances or preparations must be treated in the same manner as the actual products contained in them.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

14. Information concerning transport

Overland (ADR):
Technical name: POLVO METÁLICO INFLAMABLE, N.E.P.
ONU 3089 Class: 4.1 Packaging group: II (E)
By sea (IMDG):
Technical name: POLVO METÁLICO INFLAMABLE, N.E.P.
ONU 3089 Class: 4.1 Packaging group: II
By air (ICAI-IATA):
Technical name: Metal en polvo inflamable, n.e.p.
ONU 3089 Class: 4.1 Packaging group: II
Packaging instructions: CAO 417 PAX 415

15. Mandatory information

15.1 Labelling as per REACH

Symbols: 

Danger indications: Flammable Harmful
Phrases R: 15-40-43 Contact with water liberates extremely flammable gases. Limited evidence of a carcinogenic effect. May cause sensitization by skin contact.
Phrases S: 7/8-22-36-43h Keep container tightly closed and dry. Do not breathe dust. Wear suitable protective clothing. In case of fire, use sand, carbon dioxide or dry chemical powder. Never use water.

16. Other information

Review number and date:2 07.06.09

In respect of the previous review, changes have been made to the following sections: 3, 15.

The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.