

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)

Trade name :

Version :

1.0.0

Revision :

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

C14

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

##### Relevant identified uses

coating

#### 1.3 Details of the supplier of the safety data sheet

##### Supplier

Street : Iramali 18

Postal code/city :

Telephone :

Telefax :

Information contact :

#### 1.4 Emergency Telephone Number

Schweizerisches Toxikologisches Informationszentrum +41 44 251 51 51

### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

None

#### 2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

Special provisions concerning the labelling of certain mixtures

101

Safety data sheet available for professional user on request.

#### 2.3 Other hazards

None

### 3. Composition/ Information on ingredients

#### 3.2 Mixtures

##### Hazardous ingredients

ALUMINIUM NITRIDE ; EC No : 246-140-8; CAS No. : 24304-00-5

Weight fraction : < 5 %

Classification 67/548/EEC : Xi ; R37

Classification 1271/2008 [CLP] : STOT SE 3 ; H335

##### Additional information

Full text of R-, H- and EUH-phrases: see section 16.

### 4. First-aid measures

#### 4.1 Description of first aid measures

##### After inhalation

No particular measures required.

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### In case of skin contact

Water and soap.

### After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

### After ingestion

Do not induce vomiting - call a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

None

## 5. Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Foam, CO<sub>2</sub>, powder extinguisher.

#### Unsuitable extinguishing media

None known.

### 5.2 Special hazards arising from the substance or mixture

None known.

### 5.3 Advice for firefighters

None

### 5.4 Additional information

None.

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Take the precautions customary when handling chemicals.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains.

### 6.3 Methods and material for containment and cleaning up

None

### 6.4 Reference to other sections

None

## 7. Handling and storage

### 7.1 Precautions for safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used.

#### Protective measures

##### Fire prevent measures

No anti-explosion measures necessary.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Hints on storage assembly

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

#### Further information on storage conditions

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Containers should be kept dry and sealed.

### 7.3 Specific end uses

None

## 8. Exposure controls / Personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protective equipment

##### Eye / face protection

Eye glasses

##### Skin protection

###### Body protection

**Suitable protective clothing** : No particular measures required.

##### Respiratory protection

Fresh-air tube device (DIN EN 138)

#### General health and safety measures

Keep away from food, drink and animal feeding stuff

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state** : solid

**Colour** : light grey

#### Odour

odourless

#### Safety relevant basis data

**Boiling temperature / boiling range** ( 1013 hPa ) : No data available

**Decomposition temperature** : > 1100 °C

**Flash point** : not applicable

**Density** : ( 20 °C ) 5.2 g/cm<sup>3</sup>

**Water solubility** : ( 20 °C ) insoluble

### 9.2 Other information

Friction coefficient against steel: 0.30-0.35 Microhardness (HV 0.05): 3200

## 10. Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

No information available.

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

### 10.5 Incompatible materials

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strong acid and basic conditions, metals

### 10.6 Hazardous decomposition products

No information available.

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Irritant and corrosive effects

##### Primary irritation to the skin

No known toxic effects on humans.

## 12. Ecological information

### 12.1 Toxicity

No information available.

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Other adverse effects

No information available.

### 12.7 Further ecological information

None

### 12.8 Overall evaluation

Do not empty the product into drains, do not store on public depositories disposal: in accordance with local official regulations.

## 13. Disposal considerations

Recycle according to official regulations.

### 13.1 Waste treatment methods

#### Product/Packaging disposal

Waste codes / waste designations according to EWC / AVV

##### Waste code product

Waste code (91/689/EEC) : 06 04 05\*

## 14. Transport information

### 14.1 UN number

No dangerous good in sense of this transport regulation.

### 14.2 UN proper shipping name

No dangerous good in sense of this transport regulation.

### 14.3 Transport hazard class(es)

No dangerous good in sense of this transport regulation.

### 14.4 Packing group

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No dangerous good in sense of this transport regulation.

### 14.5 Environmental hazards

No dangerous good in sense of this transport regulation.

### 14.6 Special precautions for user

None

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

None

### 15.2 Chemical safety assessment

No information available.

## 16. Other information

The user is responsible for the observance of all required statutory provisions.

### 16.1 Indication of changes

None

### 16.2 Abbreviations and acronyms

None

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

There are no data available on the product itself.

None

### 16.5 Relevant R-, H- and EUH-phrases (Number and full text)

H335 May cause respiratory irritation.

37 Irritating to respiratory system.

### 16.6 Training advice

None

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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