

Material Safety Data Sheet

Approval Date : 07.02.02

Print Date : .

Page 1 of 3

1. Chemical product and company identification

Product name: **Indium**

Company: HEK GmbH, Kaninchenborn 24 - 28, D - 23560 Lübeck, Tel.: ++451/530040; Emergency no. München: ++89/19240

2. Composition / information on ingredients

Chemical characterization (substance): Indium

Hazardous ingredients: None

3. Hazards identification

No hazards known (as non-powdered material)

4. First aid measures

Inhalation: When inhaled remove to fresh air and seek medical aid

Skin contact: Wash with water and soap

Eye contact: Flush with water for 15 min, contact a physician

Ingestion: Drink a lot of water, contact a physician

5. Fire-fighting measures

Suitable extinguishing media: The metal does not burn

Not suitable extinguishing media: Water sprayjet is not suitable for overheated metal

Specific hazards: Do not breathe dust, formation of indium oxide possible

Protection for firefighters: None

6. Accidental release measures

Personal precautions: Do not breath dust

Environmental precautions: Avoid formation of dust

Methods for cleaning up: Take up mechanically

7. Handling and storage

Handling: Provide exhaust ventilation if dust is formed, take care for good ventilation

Storage: No special measures required

Material Safety Data Sheet

Approval Date : 07.02.02

Print Date : .

Page 2 of 3

1. Chemical product and company identification

Product name: **Indium**

Company: HEK GmbH, Kaninchenborn 24 - 28, D - 23560 Lübeck, Tel.: ++451/530040; Emergency no. München: ++89/19240

8. Exposure controls / personal protection

Personal protective equipment:

Hand protection: Wear suitable gloves

Eye protection: Wear protecting glasses

Respiratory protection: In case of dust formation, use a fine dust face mask

Body protection: Not necessary

Do not drink, eat or smoke, after shift wash thoroughly with soap and water

9. Physical and chemical properties

Appearance:

Form: solid

Colour: silverwhite

Odour: none

Change in physical state:

Melting point: 156.6 °C

Boiling point: appr. 2000 °C

Flash point: not relevant

Explosive properties: not relevant

Vapour pressure: unknown

Density (20 °C): appr. 7.3 g/cm³

Solubility (in water): insoluble, soluble in mineral acids

pH-Value: not relevant

10. Stability and reactivity

Materials to avoid: Strong acids

Conditions to avoid: Strong heating

11. Toxicological information

Acute toxicity:

Skin: None

Eyes, inhalation: Irritant

Ingestion: Unknown

12. Ecological information

Not toxic to ground water, prevent discharge into the sewer system and ground water

Material Safety Data Sheet

Approval Date : 07.02.02

Print Date : .

Page 3 of 3

1. Chemical product and company identification

Product name: **Indium**

Company: HEK GmbH, Kaninchenborn 24 - 28, D - 23560 Lübeck, Tel.: ++451/530040; Emergency no. München: ++89/19240

13. Disposal considerations

Pass on to an appropriate incinerating plant

14. Transport information

No dangerous good as non-powdered material

15. Regulatory information

Symbol : None

R-, S-Phrases : None

16. Other information

None