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SAFETY DATA SHEET - LINQALLOY™ In100

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : LINQALLOY In100
SUPPLIER NAME : Caplinq Europe BV

Relevant identified uses of the substance or mixture and uses advised against Application of the substance / the preparation: Solder material.

Uses advised against: No further relevant information available.

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MSDS NUMBER : #07082023
CHEMICAL NAME : LINQALLOY™ IN100 | Pure Indium Solder Spheres

SECTION 2. HAZARDS IDENTIFICATION

PROPOSED CLASSIFICATION

According to GHS: This substance does not meet the criteria for classification.

HAZARD IDENTIFICATION

Hazard Symbols:



Signal Word: Warning.

Hazard statement

Harmful if ingested

Harmful to aquatic life

Precautionary statement

Wear protective gloves/protective clothing/eye protection/face protection.

Wash with plenty of soap and water.

MOST IMPORTANT HAZARDS

Inhalation: May cause respiratory irritation, dizziness, fatigue, nausea, and headache.

Skin Contact: May cause skin inflammation.

Eye Contact: May be hazardous and cause eye irritation, tearing and reddening.



Ingestion: May be hazardous to the digestive system and cause abdominal discomfort, nausea, vomiting and diarrhea.

SECTION 3. INGREDIENT COMPOSITION

| No. | Components | CAS Reg. No. | Proportion (%) |
|-----|------------|--------------|----------------|
| 1 | Indium | 07440-74-6 | >99.99% |
| | | | |
| | | | |
| | | | |
| | | | |

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

- Immediately flush with plenty of water for at least 15 min.

SKIN CONTACT:

- Wash contaminated skin with non-abrasive soap and running water. Remove contaminated clothing. Get medical attention if skin irritation develops.

INHALATION:

- Move victims to fresh air.
- Administer oxygen if breathing is difficult.
- Get medical attention.

INGESTION:

- Induce vomiting immediately as directed by medical personnel. Get medical attention immediately.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

- Use an extinguisher appropriate for the surrounding fire conditions. Do not add water to molten metal.
- Firefighters must wear NIOSH approved self-contained breathing apparatus and full protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid inhaling soldering exhaust gas or dust.

Environmental Precautions

Don't spread over the area.

Clean-up Methods

Pump the air or water spray.

SECTION 7. HANDLING AND STORAGE

HANDLING

- Only dry metals should be added to molten bath. If working with molten metals, or exposed to fumes or dust, use appropriate personal protective equipment.

STORAGE

- Store in a cool, well-ventilated area away from incompatible substances. Store in a tightly sealed container.



SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION:

Use general or local exhaust ventilation to meet exposure limit requirements.

ALLOWABLE CONCENTRATION (In)

- TWA: 0.1 mg/m³
- STEL: 0.3 mg/m³

PERSONAL PROTECTION:

- **Respiratory Protection:** Wear a HIOSH approved respirator to avoid over exposure.
- **Eye Protection:** Wear safety glasses with side shields. For melting, wear goggles and face shields. Don't wear contact lenses.
- **Skin/Body Protection:** Safety goggles, coveralls & gloves are recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Silver White Metal

ODOR: Odorless

ODOR THRESHOLD: Not Applicable

PH: Not Applicable

MELTING POINT/FREEZING POINT: 138 C / Not applicable

INITIAL BOILING POINT/BOILING RANGES: Not applicable

FLASH POINT: Not Applicable

EVAPORATION RATE: Not applicable

FLAMMABILITY (SOLID, GAS): Not applicable

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: Not applicable

VAPOUR PRESSURE (mm of Hg at 25°C): Not applicable

SOLUBILITY: Insoluble in water

DENSITY: 8.31 g/cm³

AUTOIGNITION TEMPERATURE: Not applicable

EXPLOSIVE/OXIDIZING PROPERTIES: Not to be expected.

SECTION 10. STABILITY & REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage.

CONDITIONS TO AVOID: Oxidizing agents and mineral acids.

DECOMPOSITIONS PRODUCTS: Not Applicable

SECTION 11. TOXICOLOGICAL INFORMATION

TOXICITY DATA:

No information found.

CARCINOGENICITY:

No information found.

REPRODUCTIVE EFFECT:

No information found.

CHRONIC EFFECTS:

No information found.

TARGET ORGANS:



No information found.

SECTION 12. ECOLOGICAL INFORMATION

MOBILITY: No information found.

BIOACCUMULATION: No information found.

BIODEGRADABILITY: No information found.

AQUATIC TOXICITY: No information found.

ENVIRONMENTAL TOXICITY: No information found.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of waste needs to be carried out at the city, state, or federally permitted disposal facility. Handle in accordance with applicable regulations and/or local authorities.

SECTION 14. TRANSPORT INFORMATION

UN. No.: Not Applicable

The United Nations shipping name: Not Applicable

Transportation hazard classification: Not Applicable

Packing: Not Applicable

Marine Pollutant: Not Applicable

Special Shipping and Notes: Not Applicable

SECTION 15. REGULATORY INFORMATION

All components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

SECTION 16. OTHER INFORMATION

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SDS Revision Date: 07 August 2023

