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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.

CAPLINQ Europe BV	CAPLINQ Corporation		CAPLINQ Americas
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The Netherlands	Canada		United States of America
+31 20 893 2224	+1 (613) 416 8426		+1 (618) 416 9739
MSDS NUMBER CHEMICAL NAME		07082023 INQALLOY™ IN100 I	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.

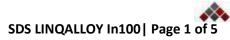
Hazard statement Harmful if ingested Harmful to aquatic life

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:



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

The information in this safety data sheet was obtained from reputable sources and to the best of our knowledge is accurate and current at the mentioned date. Neither CAPLINQ Corporation, nor CAPLINQ Europe BV accept any liability arising out of the use of the information provided here or the use, application or processing of the product described herein.

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SDS Revision Date: 07 August 2023

