


## Material safety data sheet

### Product name:

**MD\_all ART\_08\_Sep\_2023**

SIGN IN BEHALF OF Hatteland Technology AS  
Name: Kristine Frette Thy  
Position: Vice President Quality & Compliance  
Place & Date: Aksdal, Norway 11 Sep. 2023

Signature: 

Manufacture's stamp:   
**HATTELAND  
TECHNOLOGY**  
an EMBRON Company 

**1. Identification of the substance/ preparation and of the company/ undertaking**

Identification of the product  
Product name: refers to **"MD\_all ART\_08\_Sep\_2023"**  
Manufacture/ supplier identification

Company: Hatteland Technology AS  
Address: Eikeskogvegen 52, N-5570 Aksdal, Norway  
Contact for Information: [mail@hattelandtechnology.com](mailto:mail@hattelandtechnology.com)

**2. Composition/ information on ingredients**

Product chassis made in painted aluminum or steel, internal electronic circuit boards, cable assembly's and Liquid Crystal Display (LCD, not for computers)

**3. Hazards identification**

Reference to Hatteland Technology "Supplier's Declaration of Conformity for Material Declaration Management" found on our web page. (<https://www.hattelandtechnology.com/legal-documents> )

**4. First-aid measure, exposure to liquid crystals**

After inhalation: Fresh air  
After skin contact: Wash off with plenty of water. Remove contaminated clothing  
After eye contact: Rinse out with plenty of water with the eyelid held wide open. Contact eye specialist if necessary  
After ingestion: Make victim drink plenty of water, induce vomiting, and contact doctor.

**5. Fire-fighting measures**

Suitable extinguishing media:  
Foam, powder, water.

Other information: Contain escaping steam/ vapours with water.

**6. Accidental release measures (liquid crystals)**

Procedures for cleaning/ absorption:  
Take up with liquid-absorbent material, forward for disposal. Clean up affected area.

**7. Handling storage**

Handling: No further requirements  
Storage: Tightly closed. Dry. (At temperature: -20 to +60°C)

**8. Exposure controls / personal protection Personal protective equipment:**

Respiratory protection:	Not required
Eye protection:	Not required
Hand protection:	Not required

## 9. Physical and chemical properties

Form: Metal housing  
Color: normally black, but can vary  
Odour: Odorless

pH value not available

Melting temperature not available

Boiling temperature not available

Ignition temperature not available

Flash point not available

Explosion limits lower not available

Upper not available

Density not available

Solubility in

Water (20°C) not available

Dichloromethane (20°C) not available

## 10. Stability and reactivity

Conditions to be avoided

Not known to date

Substance to be avoided

Not known to date

Hazardous decomposition products

Not known to date

## 11. Toxicological information

Reference to Hatteland Technology "Supplier's Declaration of Conformity for Material Declaration Management" found on our web page. (<https://www.hattelandtechnology.com/legal-documents>)

Property that must be anticipated on the basis from the components of the preparation:

After skin contact: No irritation

After eye contact: No irritation

Further data

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

## 12. Ecological information

Ecotoxic effects:

Quantitative data on the ecological effects of this product are not available

Further ecological data:

Do not allow to waste in drinking water supplies, waste water, or soil!

## 13. Disposal consideration

Product:

We recommend that you contact with the local authorities in care or approved waste disposal companies which will advise you on how to dispose special waste.

Packaging:

Disposal in compliance with official regulations.

## 14. Transport information

Not subject to transport regulations