













---

**SECTION 11: Toxicological information (....)**

- LC<sub>50</sub> (inhalation, rat) > 2.4 mg/L (4 h)  
Read-across data. Sodium sulphate  
Test method(s): OECD 436.
- Skin corrosion/irritation  
Based on available data, the classification criteria are not met  
Erythema/eschar score: No erythema (0).  
Oedema score: No oedema (0).  
Test method(s): OECD 404.
  - Serious eye damage/irritation  
Causes serious eye damage  
Test method(s): OECD 405.
  - Respiratory or skin sensitisation  
Based on available data, the classification criteria are not met  
Guinea pig maximization test (GPMT): Not sensitising.  
Read-across data. Sodium sulphate.  
Test method(s): OECD 406.
  - Germ cell mutagenicity  
No evidence of mutagenic effects  
Gene mutation: Negative.  
Read-across data. Sodium sulphate.  
Test method(s): OECD 476.
  - Carcinogenicity  
No evidence of carcinogenic effects
  - Reproductive toxicity  
No evidence of reproductive effects  
Reproductive toxicity - fertility  
Screening: NOEL 1 000 mg/kg/day, oral, rat  
Read-across data. Sodium sulphate.  
Test method(s): OECD 421.  
  
Reproductive toxicity - development  
Developmental toxicity: NOAEL: 2 800 mg/kg/day, oral, mouse  
Read-across data. Sodium sulphate.
  - Specific target organ toxicity (STOT) - single exposure  
Based on available data, the classification criteria are not met
  - Specific target organ toxicity (STOT) - repeated exposure  
Based on available data, the classification criteria are not met  
NOAEL (oral, rat): 1 000 mg/kg bw/day (sodium sulphate)
  - Aspiration hazard  
Based on available data, the classification criteria are not met
  - Contact with eyes  
Causes redness and swelling  
May cause severe damage with formation of corneal ulcers and permanent impairment of vision.
  - Contact with skin  
May cause redness and irritation  
May cause blistering of the skin
  - Ingestion  
May disturb the mucous membranes  
May cause stomach pain  
The ingestion of significant quantities may cause burning sensation
  - Inhalation  
May cause respiratory tract irritation.  
May cause shortness of breath

Revision: 18 December 2020

---

**SECTION 11: Toxicological information (....)**

- May cause coughing
  - May cause dry throat
  - Other information
    - In contact with water the product forms sulphuric acid that can cause burns
- 

**SECTION 12: Ecological information**

## 12.1 Toxicity

- Based on available data, the classification criteria are not met
- LC<sub>50</sub> (fish) 7.96 g/L (4 days)
- LC<sub>50</sub> (aquatic invertebrates) 1.766 g/L (48 h)
- EC<sub>50</sub> (aquatic algae) 1.9 g/L
- Chronic toxicity (aquatic invertebrates): NOEC (7 days) 1 109 mg/L, Ceriodaphnia dubia

## 12.2 Persistence and degradability

- Not applicable; inorganic

## 12.3 Bioaccumulative potential

- Not applicable; inorganic

## 12.4 Mobility in soil

- No information available

## 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

## 12.6 Other adverse effects

- No information available
- 

**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Do not reuse empty containers without commercial cleaning or reconditioning

## 13.2 Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)
  - Hazardous Property Code(s): HP 4 Irritant
- 

**SECTION 14: Transport information**

Not classified as hazardous for transport

## 14.1 UN number or ID number

- UN No.: Not applicable

## 14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

## 14.3 Transport hazard class(es)

- Hazard Class: Not applicable
-

Revision: 18 December 2020

---

**SECTION 14: Transport information (....)**

## 14.4 Packing group

- Packing Group: Not applicable

## 14.5 Environmental hazards

- Not Classified

## 14.6 Special precautions for user

- Not Classified
- No special precautions are required for this product

## 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not Classified

## 14.8 Road/Rail (ADR/RID)

- ADR UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable

## 14.9 Sea (IMDG)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable

## 14.10 Air (ICAO/IATA)

- ICAO UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

---

**SECTION 15: Regulatory information**

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

- This safety data sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 as amended by Regulation (EU) 2015/830
- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe

## 15.2 Chemical safety assessment

- A REACH chemical safety assessment has been carried out

---

**SECTION 16: Other information**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of PLASTICA'S limited knowledge and belief, accurate, and reliable as of the date of authorisation of this safety data sheet. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to be satisfied as to the suitability and completeness of such information for the product as used.

Sources of data: Information from published literature and supplier safety data sheets

Revision No. 2.0.0. Revised December 2020.

Changes made: Updated to conform to latest version of REACH

Revision: 18 December 2020

---

## SECTION 16: Other information (....)

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

- H318: Causes serious eye damage

### Acronyms

- ATE: Acute Toxicity Estimate
  - CAS: Chemical Abstracts Service
  - DNEL: Derived No-Effect Level
  - EC: European Community
  - EC<sub>50</sub>: Effective Concentration, 50%
  - GHS: Globally Harmonised System
  - LC<sub>50</sub>: Lethal Concentration, 50%
  - LD<sub>50</sub>: Lethal Dose, 50%
  - NOAEL: No observed adverse effect level
  - NOEC: No observed effect concentration
  - OEL: Occupational Exposure Limit
  - PBT: Persistent, Bioaccumulative and Toxic
  - PNEC: Predicted No-Effect Concentration
  - REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
  - SCL: Specific Concentration Limit
  - vPvB: very Persistent and very Bioaccumulative
  - WEL: Workplace Exposure Limit
- end of safety datasheet ---
-