

---

## SAFETY DATA SHEET

---

### SECTION 1 Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

- Product Name: ASCORBIC.ACID POWDER
- Datasheet Number: 777086
- Product Part Number: 777086

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

- Reagent

#### 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: For quotations contact your local Customer Services
- Address of Supplier: Wilhelmsen Ships Service AS  
Willem Barentszstraat 50  
3165AB Rotterdam  
  
The Netherlands  
+31 4877 888
- Telephone: +31 4877 777
- Responsible Person: Product HSE Manager, Tel.: +31 10 4877775
- Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com

#### 1.4 Emergency telephone number

---

### SECTION 2 Hazards identification

#### 2.1 Classification of the substance or mixture

- Not Classified

#### 2.2 Label elements

- None
- Precautionary Phrases  
Keep out of reach of children (P102).
- Safety Phrases  
Avoid contact with skin and eyes (S24/25)  
Keep out of reach of children (S2)

#### 2.3 Other hazards

- Odour: Odourless
- Appearance: powder, white, soluble in water
- Contact with eyes: May cause redness and irritation
- Contact with skin: May cause redness and irritation
- Ingestion: May cause irritation

---

### SECTION 3 Composition/information on ingredients

#### 3.1 Mixtures

- ASCORBIC ACID  
Concentration: >80%  
CAS Number: 50-81-7

**SECTION 3 Composition/information on ingredients (....)**

EC Number: 200-066-2

R/H Phrases: -

Symbols: -

---

**SECTION 4 First aid measures**

## 4.1 Description of first aid measures

- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- When in doubt or symptoms persist, seek medical attention

## 4.2 Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas
- The ingestion of significant quantities may cause nausea/vomiting

4.3 Indication of any immediate medical attention and special treatment needed

---

**SECTION 5 Fire-fighting measures**

## 5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

## 5.2 Special hazards arising from the substance or mixture

- Smoke from fires is toxic

## 5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
- 

**SECTION 6 Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Shut off source of leak if safe to do so
- Wash thoroughly after dealing with spillage

## 6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses
- Do not flush spilt material into any public water system

## 6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Place in sealable container
- Seal containers and label them

## 6.4 Reference to other sections

- None
- 

**SECTION 7 Handling and storage**

## 7.1 Precautions for safe handling

- Eyewash bottles should be available
  - Do not get in eyes, on skin, or on clothing (P262).
  - Avoid breathing dust/fume/gas/mist/vapours/spray (P261).
  - See Section 8
-

**SECTION 7 Handling and storage (....)**

## 7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
- Keep only in original container (P234).

## 7.3 Specific end use(s)

- Restricted to professional users
- 

**SECTION 8 Exposure controls/personal protection**

## 8.1 Control parameters

- No exposure limits have been set for this substance

## 8.2 Exposure controls

- No special precautions are required for this product

## 8.3 Occupational exposure controls



- Wear goggles giving complete eye protection
  - Wear neoprene or nitrile gloves
  - Wear suitable dustmask e.g.to BS 2091
- 

**SECTION 9 Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: powder, white, soluble in water
- pH <7
- Boiling point >35 °C
- Melting point 193 °C
- Flash point >93 deg C (CC)

9.2 Other information

---

**SECTION 10 Stability and reactivity**

## 10.1 Reactivity

- This article is considered stable under normal conditions

## 10.2 Chemical stability

- This article is considered stable under normal conditions

## 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

## 10.4 Conditions to avoid

- Keep away from heat, light and moisture

## 10.5 Incompatible materials

- Incompatible with oxidizing substances

## 10.6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
- Decomposition products may include carbon dioxide

**SECTION 11 Toxicological information**

## 11.1 Information on toxicological effects

- LD50 (oral, rat) 11900 mg/kg
  - Inhalation  
In cases of severe exposure, shortness of breath may develop
  - Contact with skin  
May cause redness and irritation
  - Contact with eyes  
May cause redness and irritation
  - Ingestion  
In cases of severe exposure, dizziness, confusion, headache or stupor may develop
- 

**SECTION 12 Ecological information**

## 12.1 Toxicity

- No information available

## 12.2 Persistence and degradability

- No information available

## 12.3 Bioaccumulation Potential

- No information available

## 12.4 Mobility in soil

- No information available

## 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

## 12.6 Other Adverse Effects

- Not available
- 

**SECTION 13 Disposal considerations**

## 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point (P501)

## 13.2 Classification

- EU Waste class: 16 05 06
- 

**SECTION 14 Transport information**

## 14.1 Environmental hazards

- On available data, substance is not harmful to the environment

## 14.2 Special precautions for user

- Not classified as hazardous for transport

## 14.3 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

## 14.4 UN

- Proper Shipping Name: N/A
  - UN No.: N/A
-

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

- Hazard Class: N/A
- Packing Group: N/A

**14.5 Road/Rail (ADR/RID)**

- Proper Shipping Name:
- ADR UN No.:
- ADR Hazard Class:
- ADR Packing Group:
- ADR subrisk:
- ADR Flashpoint:

**14.6 Sea (IMDG)**

- Proper Shipping Name:
- IMDG UN No.:
- IMDG Hazard Class:
- IMDG Pack Group.:
- IMDG EmS:
- IMDG subrisk:
- IMDG Flashpoint:

**14.7 Air (ICAO/IATA)**

- Proper Shipping Name:
- ICAO UN No.:
- ICAO Hazard Class:
- ICAO Packing Group:
- ICAO subrisk:
- ICAO Flashpoint:

**14.8 DOT / CFR (US Department of Transportation)**

- DOT Proper Shipping Name:
  - Hazardous Material:
  - Hazard Class:
  - Identification Number:
  - Product RQ (lbs):
  - DOT subrisk:
  - DOT Flashpoint:
- 

**SECTION 15 Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)

**15.2 Chemical Safety Assessment**

None

## **SECTION 16 Other information**

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The most up-to-date version of this MSDS can be found on  
[www.wilhelmsen.com/shipsservice](http://www.wilhelmsen.com/shipsservice)

Wilhelmsen Ships Service Level 1, 39 Park Street South Melbourn, Vic 3205 Australian Tel: +61 3 9630 0900 Emergency 24hrs: +61 3 9630 0998

Wilhelmsen Ships Service INC 210 Edgewater Street US-10305 Staten Island New York United States Telephone daytime: (+1) 718 815 1310 Fax: (+1) 718 233 3268

Wilhelmsen Ships Service INC 2200 W. Pacific Coast Highway US-90810 Long Beach California, United States Tel (+1) 562 624 8888 Fax (+1) 562 624 1011

Wilhelmsen Ships Service INC 701 Ashland Ave. Ashland Center Two, Bay 12 US- 19032 Folcroft Pennsylvania United States Tel (+1) 610 586 7801 Fax (+1) 215 701 0646

Wilhelmsen Ships Service INC. 9400 New Century Drive US-77507 Pasadena Texas United States Telephone daytime: (+1) 281 867 2000 Fax: (+1) 281 867 2800

Wilhelmsen Ships Service Ltd. Unit 3A NewtonsCourt Crossways DA2 6QL Dartford, Kent United Kingdom Tel (+44) 1322 282 412 Fax (+44) 1322 284 774

Wilhelmsen Ships Service Ltda Rua Bispo Lacerda nos.61/67 Del Catilho BR 21051120 Rio de Janeiro Brazil Tel (+55) 21 25 82 8000 Fax (+55) 21 25 82 8001

Wilhelmsen Ships Service (S) Pte Ltd 186 Pandan Loop Singapore 128376 Tel (+65) 6395 4545

Wilhelmsen Ships Service Co., Ltd 12-31 Torihama-cho Kanazawa-ku Yokohama-shi JP-236 0002, Japan Tel (+81) 45 775 0012 Fax (+81) 45 775 0070

Wilhelmsen Ships Service Hellas SA 100, D. Moutsopoulou & Serifou str GR-185 41 Piraeus Greece Tel (+ 30) 210 4239100 Fax (+ 30) 210 4212480

WMS AS U.A.E. Fl 24 Executive Heights, Tecom C Sheikh Zayed Road (East) Dubai United Arab Emirates Tel (+971) 4 382 3888

