



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

Product details

Trade name	Ascorbic Acid
Application of the substance/the preparation	Food additive E 300 (antioxidant)
CAS Number	50-81-7
EINECS Number	200-066-2
Uses of substance/mixture	vitamin

Company information

Distributor	Intra – Laboratories Ltd Unit 8 Devonshire Meadows, Plymouth Devon PL6 7EZ
Telephone	+44-01752 724109
Telefax	
Contact for technical information	Dan Mckintosh
E-Mail:	admin@intralabs.co.uk
Emergency information:	+44-01752 724109

2. Hazards identification

Classification of the substance/the preparation under CLP	This product has no classification under CLP
Characterization acc. to regulation (EG) Nr. 1272/2008	not applicable.
Special hazards information for humans and environment	not applicable

3. Composition/information on ingredients

Chemical characterization

Description	white to off white crystalline powder
CAS-No.	50-81-7
EINECS (EC-Number)	200-066-2
Commodity code	2936 2700 000
Additional information	not applicable

4. First aid measures

Description of the first aid measure	Remove contaminated clothing immediately. Consult a doctor by experience of health complaints.
After inhalation	Supply fresh air. Consult a doctor by irritation of the respiratory tract.
After skin contact	Wash with water, rinse thoroughly.

Material Safety Data Sheet



Intra
Laboratories

acc. to Regulation (EC) No. 1907/2006, Article 31
Document-No. F 15-60 | Page 2 of 5

After eye contact	Remove contact lenses. Rinse open eyes with plenty of water immediately for at least 15 minutes.
After swallowing	Wash out your mouth immediately and drink plenty of water. Avoid vomiting.

5. Fire fighting measures

Suitable extinguishing media	CO2, foam, sand, dry chemicals, water spray
Unsuitable extinguishing media	Water jet
Special exposure hazards arising from the substance itself	Flammable
Additional information for fire fighting	Slippery surface in combination with water
Special protective equipment:	Wear self-contained breathing apparatus

6. Accidental release measures

Person-related safety precautions	Wear protective equipment. Remove unprotected persons to safety. Avoid dust expansion.
Environmental precautions	Do not discharge into the drains or bodies of water.
Methods for cleaning-up/collecting	
Hot product	Allow material to cool.
Cold product	Collect the product mechanically in appropriate containers. Material can be recovered or depolluted.

7. Handling and storage

Advice on safe handling	Keep away from heat and direct sunlight. Storage in closed containers at cool and dry conditions, at a well ventilated place.
Advice on protection against fire and explosion	Take measures against electrostatic charge. Avoid dust expansion. Product can build flammable mixtures or burn over the flash point.
Requirements for storage rooms and vessels	Keep away from heat and direct sunlight. Storage in closed containers at cool and dry conditions, at a well ventilated place.
Conditions for safe storage	Keep away from heat and direct sunlight. Storage in closed containers at cool and dry conditions, at a well ventilated place. Do not storage together with oxidants.
Recommended storage temperatur	15 - 25 °C
Fire class	B
Storage class	11 (flammable substances)



8. Exposure controls and personal protections

Additional information about design and technical systems	No further details, according to point 7.
Personal protective equipment	
General protective and hygienic measures	The usual precautions by handling with chemicals are to be followed. Avoid contact with eyes and skin. Wash hands during breaks and at the end of the work.
Breathing equipment	by insufficient ventilation filter P1
Protection of hands	protective gloves
Material of gloves	rubber/PVC
Penetration time of the glove material	All manufacturer's data of break-through time and special conditions at work are to be observed.
Eye protection	Safety glasses. Additionally use face shield by splashing danger.
Body protection	protective work clothing

9. Physical and chemical properties

State of aggregation	solid
Colour	white to off white crystalline powder
Odour	characteristic
Vapor pressure	not applicable
Drop point	not applicable
Density at 20 °C	0,95 g/cm ³
Melting point	191 °C
Boiling point	not applicable
Flash point	> 200°C
Ignition temperature	not applicable
Danger of explosion	not applicable
Solubility in water at 20 °C	soluble, at 20 °C 333 g/l
pH-value at 20 °C	2,1 - 2,6
Viscosity	40 cps - 7.000 cps



10. Stability and reactivity

Conditions to be avoided	Do not overheat to avoid thermal decomposition.
Materials to be avoided	strong oxidant agents, fluorine
Dangerous reactions	no dangerous reactions known
Dangerous products of decomposition	none

11. Toxicological information

LD/LC50-value	According to our knowledge and the information provided to us, there is not quantitative information of toxicity.
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12. Ecological information

Behaviour in clarification plants	There are not disorders expected by proper treatment in biological clarification plants. Product can be separated mechanically. Separation can be done through Absorption of clearing sludge.
General information	Do not allow uncontrolled leakage of product into the environment.

13. Disposal considerations

Recommendations for the product	Product can be removed in accordance with local official regulations or local authorities. There are not harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany, the recycling and Waste Management Act 8 KrW-/AbfG stipulates recycling as a requirement.
Recommendations for packaging	To be disposed of adhering to the local authorities regulations.

14. Transport information

Land and inland navigation transport ADR/RID and GGVS/GGVE	--
Maritime transport IMDG/GGVSee	--
Air transport ICAO-TI and IATA-DGR	--
Transport/additional information	no hazardous material

15. Regulatory information

Designation according to EC regulations	According to EC directives and our current state of knowledge the product is not subject to identification as
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Material Safety Data Sheet



Intra
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acc. to Regulation (EC) No. 1907/2006, Article 31
Document-No. F 15-60 | Page 5 of 5

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hazardous materials.
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National regulations

Water pollution class

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Generally no water pollutant
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16. Other information

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All information in this Material Safety Data Sheet (MSDS) is based on our current knowledge and experience and serves as product description in relation to the mentioned stated safety precautions. A legally binding guarantee of certain characteristics cannot be deduced from this document.
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