

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: ANCHORSTIK WB283

UFI AFG0-Y0W9-200G-FKKG

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2 HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Human health	Splashes in the eyes may cause redness and irritation.
Environmental	The product is not expected to be hazardous to the environment.

Physicochemical When handled correctly, undamaged units represent no danger.

Label elements

Hazard statements NC Not Classified

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

Composition comments	The data shown are in accordance with the latest EC Directives.
Chemical Nature	chemical nature

4 FIRST AID MEASURES

Description of first aid measures

General information	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.
Skin contact	Remove affected person from source of contamination. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	No specific symptoms known.
Ingestion	May cause stomach pain or vomiting.
Skin contact	No specific symptoms known.
Eye contact	May cause temporary eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
Specific treatments	Treat symptomatically.

5 FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Water spray, fog or mist. Foam. Carbon dioxide (CO ₂). Dry chemicals, sand, dolomite etc.
Unsuitable extinguishing media	None known.

Special hazards arising from the substance or mixture

Specific hazards	In case of fire: Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Hydrogen chloride (HCl).
Hazardous combustion products	Does not decompose when used and stored as recommended.
Advice for firefighters	
Protective actions during Firefighting	Use water to keep fire exposed containers cool and disperse vapours.
Special protective equipment for firefighters	Use air-supplied respirator, gloves and protective goggles.

6 ACCIDENTAL RELEASE MEASURE

Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
For non-emergency personnel	Wear protective clothing as described in Section 8 of this safety data sheet.
For emergency responders	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental precautions	
Environmental precautions	Avoid discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up	Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.
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Reference to other sections

Reference to other sections	For personal protection, see Section 8.
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7 HANDLING AND STORAGE

Precautions for safe handling

Usage precautions	Avoid spilling. Wear protective gloves, eye and face protection.
Advice on general occupational hygiene	Provide eyewash station. Good personal hygiene procedures should be implemented.

Conditions for safe storage, including any incompatibilities

Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures above 5°C.
Storage class	Unspecified storage.
Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters
Exposure controls
Protective equipment



Appropriate engineering
Controls
Eye/face protection

Provide adequate general and local exhaust ventilation. Wear chemical splash goggles. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 6 hours.

Other skin and body
Protection

Avoid contact with skin. Wear appropriate clothing to prevent skin contamination.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Do not smoke in work area.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.

Thermal hazards

Contact with hot product can cause serious thermal burns.

Environmental exposure
Controls

Keep container tightly sealed when not in use.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid.
Colour	White.
Odour	Characteristic.
Odour threshold	Not relevant.
pH	pH (concentrated solution): > 10
Melting point	Not available.
Initial boiling point and range	100°C @ 760 mm Hg
Flash point	No information required.
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not relevant.
Other flammability	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	1.10 @ @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Not determined. Miscible with water.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not determined.
Viscosity	250 - 550 cP @ 20°C
Explosive properties	No information available.
Explosive under the influence of a flame	No
Oxidising properties	Not applicable.
Comments	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
Other information	
Refractive index	Not relevant.
Particle size	Not available.
Molecular weight	Not available.
Volatility	Not applicable.
Saturation concentration	Not available.
Critical temperature	Not available.
Volatile organic compound	Not relevant.

10 STABILITY AND REACTIVITY

Reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Chemical stability	

Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions Possibility of hazardous reactions	Not applicable. Not relevant.
Conditions to avoid Conditions to avoid	Protect from frost.
Incompatible materials Materials to avoid	Avoid contact with the following materials: Some metals.
Hazardous decomposition products Hazardous decomposition Products	Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours. Carbon dioxide (CO ₂). Carbon monoxide (CO). Hydrogen chloride (HCl).

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects Toxicological effects	No data recorded.
Acute toxicity - oral Notes (oral LD ₅₀)	Not determined.
Acute toxicity - dermal Notes (dermal LD ₅₀)	Not determined.
Acute toxicity - inhalation Notes (inhalation LC ₅₀)	Not determined.
Skin corrosion/irritation Animal data	Not determined.
Human skin model test	Not determined.
Extreme pH	Not applicable.
Serious eye damage/irritation Serious eye damage/irritation	Based on available data the classification criteria are not met.
Respiratory sensitisation Respiratory sensitisation	Based on available data the classification criteria are not met.
Skin sensitisation Skin sensitisation	Based on available data the classification criteria are not met.

Germ cell mutagenicity Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Based on available data the classification criteria are not met.
Carcinogenicity Carcinogenicity	Not applicable.
Reproductive toxicity Reproductive toxicity – fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Does not contain any substances known to be toxic to reproduction.
Specific target organ toxicity - single exposure STOT - single exposure	Based on available data the classification criteria are not met.
Target organs	Not relevant.
Specific target organ toxicity - repeated exposure STOT - repeated exposure	Based on available data the classification criteria are not met.
Target organs	Not relevant.
Aspiration hazard Aspiration hazard	Not relevant.
General information	No specific health hazards known.
Inhalation	No specific health hazards known.
Ingestion	No specific health hazards known.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	Particles in the eyes may cause irritation and smarting.
Acute and chronic health hazards	No specific health hazards known.
Route of exposure	Skin and/or eye contact
Target organs	Not relevant.
Medical symptoms	No specific symptoms known.

12 ECOLOGICAL INFORMATION

Ecotoxicity The product components are not classified as

environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

Toxicity

Acute aquatic toxicity	
Acute toxicity - fish	Not determined.
Acute toxicity - aquatic Invertebrates	Not determined.
Acute toxicity - aquatic plants	Not determined.
Acute toxicity - Microorganisms	Not determined.
Acute toxicity - terrestrial	Not determined.
Chronic aquatic toxicity	
Chronic toxicity - fish early life Stage	Not determined.
Short term toxicity - embryo and sac fry stages	Not determined.
Chronic toxicity - aquatic Invertebrates	Not determined.

Persistence and degradability

Persistence and degradability	The product is potentially degradable.
Phototransformation	Not determined.
Stability (hydrolysis)	Not determined.

Biodegradation Inherently biodegradable.

Biological oxygen demand	Not determined.
Chemical oxygen demand	Not determined.

Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.
Partition coefficient	Not available.

Mobility in soil

Mobility	The product is miscible with water and may spread in water systems.
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Adsorption/desorption

Coefficient	Not determined.
Henry's law constant	Not determined.
Surface tension	Not determined.

Results of PBT and vPvB assessment

Results of PBT and vPvB Assessment	This product does not contain any substances classified as PBT or vPvB.
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Other adverse effects

Other adverse effects	None known.
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13 DISPOSAL CONSIDERATIONS

Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14 TRANSPORT INFORMATION

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
UN number	Not applicable.
UN proper shipping name	Not applicable.
Transport hazard class(es)	
Transport labels	No transport warning sign required.
Packing group	Not applicable.
Environmental hazards	
Environmentally hazardous substance/marine pollutant	No.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL and the IBC Code	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

15 REGULATORY INFORMATION

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). Rivers (Prevention of Pollution) Act 1961. Control of Substances Hazardous to Health Regulations 2002 (as amended).
EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December

Guidance	2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.
Authorisations (Annex XIV Regulation 1907/2006)	No specific authorisations are known for this product.
Restrictions (Annex XVII Regulation 1907/2006)	No specific restrictions on use are known for this product.
Chemical safety assessment	No chemical safety assessment has been carried out.

16 OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Chemical Abstracts Service.
DNEL: Derived No Effect Level.
GHS: Globally Harmonized System.
IATA: International Air Transport Association.
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
Kow: Octanol-water partition coefficient.
LC₅₀: Lethal Concentration to 50 % of a test population.
LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
PBT: Persistent, Bioaccumulative and Toxic substance.
PNEC: Predicted No Effect Concentration.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
SVHC: Substances of Very High Concern.
vPvB: Very Persistent and Very Bioaccumulative.
IARC: International Agency for Research on Cancer.
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
cATpE: Converted Acute Toxicity Point Estimate.
BCF: Bioconcentration Factor.
BOD: Biochemical Oxygen Demand.
EC₅₀: 50% of maximal Effective Concentration.
LOAEC: Lowest Observed Adverse Effect Concentration.
LOAEL: Lowest Observed Adverse Effect Level.
NOAEC: No Observed Adverse Effect Concentration.
NOAEL: No Observed Adverse Effect Level.
NOEC: No Observed Effect Concentration.
LOEC: Lowest Observed Effect Concentration.

DMEL: Derived Minimal Effect Level.

UN: United Nations.

IBC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).

Key literature references and sources for data
Dangerous Properties of Industrial Materials Report, N.Sax et.al.

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

SDS number 21414

This information is provided for making safety assessments and is not a sales specification or an indication of suitability for particular uses. It was compiled for uses such as those shown on the specific product data sheets; for significant different uses it is advisable to consult in case other precautions are then necessary.

The information given herein is believed to be accurate based on our own and independent tests, however we cannot accept liability for any damage, loss or patent infringements arising from its use.