

SDS - Safety Data Sheet

according to
Regulation (EC) No. 1907/2006 (REACH)

1 Identification of the substance / preparation and company / undertaking

Product name	SANBIO® MARE
Chemical product name	inapplicable
Synonyms	Functional feed for fishes and crustaceans in aquaculture
Supplier	SANBOS GmbH Geraer Straße 14 D-06712 Gutenborn, OT Drossdorf Germany Tel. +49-3441-539873 Fax +49-3441-539874
Emergency Telephone no	+49-(0)173-6990195
e-mail-address of person responsible for this MSDS	jm@sanbos.com
Recommended use	Functional feed for fishes and crustaceans in aquaculture

2 Composition / Data on components

Chemical characterization	inapplicable
CAS No.	inapplicable
Identification No.	inapplicable
EINECS No.	inapplicable

3 Hazards identification

Hazard description	No hazards to be particularly mentioned. Please mention information of this MSDS.
Information pertaining to particular dangers for man and environment:	No hazards to be particularly mentioned. According to current European laws and regulations the product is not dangerous or toxic material (based on the available data).

4 First aid measures

General information	No special measures required.
After inhalation	inapplicable
After skin contact	inapplicable

After eye contact	Rinse opened eye for several minutes under running water. If symptoms persist consult doctor.
After swallowing	Rinse mouth with water. If symptoms occur or after swallowing of larger quantities consult a doctor.
Information for doctor	Irritation of eyes and mucous membrane.

5 Fire fighting measures

Suitable extinguishing agents	Water mist, foam, dry chemical, CO2
Special hazards caused by the material, its products of combustion or resulting gases	Inflammable
Protective equipment	Inapplicable

6 Accidental release measures

Person-related safety precautions	Inapplicable
Measures for environmental protection	Inapplicable
Measures for cleaning and collecting	Inapplicable

7 Handling and storage

Handling

Information for handling	Not required.
Information about protection against explosions and fires	Not required.

Storage

Requirements to be met by storerooms and receptacles	Clean, free from pests.
Information about storage on common storage facility:	Not required.
Further information about Storage conditions:	Store in cool and dry conditions. Keep in closed containers.
Storage class	Storage class 13 - Non combustible solid.

8 Exposure controls and personal protection

Additional information about	No further data; see item 7
------------------------------	-----------------------------

design of technical systems	
Components with limit values that require monitoring at the workplace	Inapplicable
Additional occupational exposure limit values for possible hazards during processing:	Inapplicable
Additional information	Inapplicable
Personal protective equipment General protective and hygienic measures:	The usual precautionary measures should be adhered to when handling chemicals. Wash hands before breaks and at the end of work. Do not inhale dust/smoke/mist. Avoid close or long term contact with the skin. Avoid contact with the eyes. Ensure that washing facilities are available at the work place. Do not eat or drink while working. Vacuum clean contaminated clothing. Do not blow or brush off contamination. Use skin protection cream for skin protection.
Breathing equipment	inapplicable
Protection of hands	Protection gloves or protective skin cream. To avoid skin problems reduce the wearing of gloves to the required minimum. Prior to contact with the water insoluble substance/product/preparation apply water soluble skin-protecting agent (fat-free film former or O/W-emulsion). After use of gloves apply skin-cleaning agents and skin cosmetics.
Material of gloves	Adjust selection of glove material to the other substances used.
Penetration time of glove material	The exact break-through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection	At formation of dust or insufficient ventilation: Tightly sealed goggles.
Body protection	Protective work clothing.

9 Physical and chemical properties

General information

Form	Pellet
Colour	Brown
Odour	odourless

Change in conditions

Melting point/range:	-
Boiling point/range	-

Flash point	-
Flammability	Product is not flammable.
Ignition temperature	-
Decomposition temperature	-
Bulk density at 20°C	0.72 g/cm ³
Danger of explosion	Product does not present an explosion hazard.
Solubility in / Miscibility with Water at 20°C:	soluble in water and oil,
PH-value at 20°C	

10 Stability and reactivity

Reactivity	Not applicable
Chemical stability	Chemically inert material under normal storing and handling conditions
Conditions to avoid	Not applicable

11 Toxicological information

Acute toxicity

LD/LC50 values that are relevant for classification	Oral LD ₅₀ / Dermal LD ₅₀ not determined. Inhalation LC ₅₀ not determined. Ingestion LD ₅₀ not determined
---	---

Primary irritant effect

On the skin	No irritation, but slight irritation or redness is possible after long or repeatedly mechanical contact.
On the eye	Light irritation possible.
Sensitization	No sensitizing effects known.
Additional toxicological information:	When used and handled according to specification, the product does not have any harmful effects according to our experience the information provided to us. Prolonged or repeated contact with skin and eyes may cause irritations.

12 Ecological information

Information about elimination (persistence, degradability)	No negative impacts expected.
Eco-toxicological effects (Aquatic toxicity)	Not hazardous for water
Remark	No further information

General notes: Not hazardous for water according to VwVwS (German regulation) appendix 1 dated 1999-05-17.

13 Disposal considerations

Product recommendations Disposal according to instructions of local authorities.
Unclean packaging Disposal according to instructions of local authorities.

14 Transport information

Land transport (cross-border) No hazardous good according to the regulation
ADR/RID class: -
Maritime transport No hazardous good according to the regulation
IMDG class: -
Air transport No hazardous good according to the regulation
ICAO-TI/IATA-DGR class: -

15 Regulations

Markings according to EC guidelines Observe the general safety regulations when handling chemicals.
The substance (product) is not subject to classification according to EC-directives and other sources of literature known to us.
National regulations Water hazard class Not hazardous for water.

16 Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

Training advice: Handling of this substance or preparation is restricted to skilled personal only.



SANBOS GmbH
Geraer Str. 14
D-06712 Gutenberg
OT Drossdorf
Germany
Phone: +49.3441.539873
Fax: +49.3441.539874
www.sanbos.com

Joerg MEYER, Dipl.-Ing. (Univ.)
General Manager
SANBOS GmbH
Germany