Material Safety Data Sheet

Okoamaji

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product form : Substance
Trade name : OKOAMAJI
CAS No : 9003-04-7

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

1.2.1 Relevant identified uses

Main use category : Agricultural use
Agricultural/Professional use spec : Agricultural
For professional use only
Use of the substance/mixture : Environmental/Agricultural use

1.2.2. Use advised against

no additional information available

2. Hazards and Identification

2.1 Classification of the substance or mixture

Not classified

2.2 Other hazards

- Adverse physicochemical, human health and environmental effects:- To our knowledge, this product does not present any particular risk, provided it is handled in accordance with food occupational hygiene and safety practice.
- Other hazards not contributing to the :- The product causes extremely slippery condition when wet. The product yields a gel-like materiel with the addition of water.

3. Composition/information on ingredients

3.1 Substance

Name : SODIUM POLYACRYLATE
CAS No : 9003-04-7

Name	Product identifier	%
SODIUM POLYACRYLATE (main constituent)	(CAS No) 9003-04-7	100

Full text of H-phrase : see section 16

3.2 Mixture

Not applicable

4. First aid measures

4.1. Description of the first aid measures

First-aid measures general :	Never give anything by mouth to an unconscious person. If you feel unwell, seek medic advice (show the label here possible).
First-aid measures after inhalation :	Remove person to fresh air and keep comfortable for breathing. Allow the victim to rest.
First-aid measures after skin contact :	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.
First-aid measures after eye contact :	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
First-aid measures after ingestion :	Rinse mouth. DO NOT induce vomiting. Obtain emergency medical attention. Call a center or a doctor if you well unwell.

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

symptoms/injuries :	Not expected to present a significant hazard under anticipated conditions of normal use.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. First aid measures

5.1. Extinguishing media

Suitable extinguishing media :	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media :	Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Toxic fumes may be released.

5.3 Advice for firefighters

Firefighting instructions : use water or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water entering environment.

Protection during firefighting : Do not enter area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. S Self-contained breathing apparatus. Complete protective clothing.

Other information : the product causes extremely slippery conditions when wet

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. For further information refer to section.

Emergency procedures : ventilate area

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Recover mechanically the product. On land, sweep or shovel into suitable container Minimize generation of dust. Store away from other materials.

Other information : Do not rinse with water. Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

see heading 8. Exposure controls and personal protection. For further information refer to section 13.

7. Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

7.2 Condition for safe storage, including any incompatibilities

Storage conditions : keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. compatible products : strong bases.

Strong acids. Incompatible materials : Sources of ignition. Direct sunlight. Storage temperature : 0-35°C

7.3. Specific end use(s)

no additional information available

8. Exposure controls/personal protection

8.1. Control parameters

Okoamaji (9003-04-7)		
France	VME (mg/m^3)	0,05 recommended by non woven association and for unique application (EDANA)

8.2. Exposure controls

Appropriate engineering controls :	Ensure good ventilation of the work station.
Personal protective equipment :	Avoid all unnecessary exposure.
Hand protection :	Wear protective gloves.
Eye protection :	Chemical goggles or safety glasses.
Skin and body protection :	Wear suitable protective clothing.
Environmental exposure controls :	Avoid release in the environment.
Respiratory protection :	Wear appropriate mask.
other information :	Do not eat, drink or smoke during use.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

physical state :	solid
Appearance :	granular
powder Colour :	white
Odour :	None
Odour threshold :	No data available
pH :	No data available
ph solution :	1 (5-7)% 1% NCl solution
Relative evaporation rate (butylacetate=1) :	< 1
Melting point :	> 198°C
Freezing point :	No data available
Boiling point :	No data available
Flash point :	No data available
Auto-ignition temperature :	no data available
Decomposition temperature :	No data available
Flammability (solid, gas) :	Nonflammable
Vapour pressure :	< 10 mm Hg
relative vapour density at 20°C :	No data available
Relative density :	No data available
Density :	0,5-0,8 g/ml
Solubility :	Not soluble in water
Log Pow : 0	
Viscosity, kinematic :	No data available
Viscosity, dynamic :	No data available

Explosive properties : No data available

Oxidizing properties : No data available

Explosive limits : No data available

9.2. Other information

No additional information available

10. Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage condition. Not established.

10.3. Possibility of hazardous reactions

Not established

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

strong acids. Strong bases.

10.6. Hazardous decomposition product

Fume. Carbon monoxide. Carbon dioxide

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity : Not classified

OkoaMaji (9003-04-7)	
LD50 oral rat	5000 mg/kg limit test
LD50 dermal rat	>2000 mg/kg limit test

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met) OECD nr. 404

Based on available data, the classification criteria are not met

Serious eye damage/irritation :	Slightly irritant but not relevant for classification (based on available Data, the classification criteria are not met) OECD nr. 405 Based on available data, the classification are not met
respiratory or skin sensitization :	Not classified (Based on available data, the classification criteria are not met) OECD nr. 406 Based on available data, the classification criteria are not met
Gem cell mutagenicity :	Not classified Based on available data, the classification are not met
Carcinogenicity :	Not classified Based on available data, the classification are not met
Reproductive toxicity :	Not classified Based on available data, the classification are not met
Specific target organ toxicity : (single exposure)	Not classified Based on available data, the classification are not met
Specific target organ toxicity : (repeated exposure)	Not classified Based on available data, the classification are not met
Respiration hazard :	Not classified Based on available data, the classification are not met
Potential adverse human health effects :	Based on available data, the classification are not met and symptoms

12. Ecological information

12.1. Toxicity

Okoamaji (9003)-04-7	
LC50 fishes 1	5500 mg/l Leucisicus idus
EC50 other aquatic organisms 1	>6000 mg/l Tetrahymena pyriformis
LC50 fish 2	4000 mg/l Brachydanio rerio

12.2 Persistence and degradability

Okoamaji(9003)-04-7	
Persistence and degradability	Pratically no degradation. Not established

12.3 Bioaccumulative potential

Okoamaji(9003)-04-7	
Log Pow	0
Bioaccumulative potential	Not established

12.4. Mobility in soil

No additional information available

12.5. Result of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

Avoid release to environment

13. Disposal consideration

13.1 **Waste treatment methods**

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology-waste materials : Avoid release to the environment

14. Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2 UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

14.3 Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4 Packing groupe

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5 Environment hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6 Special precautions for user

14.6.1 Overland transport

No data available

14.6.2 Transport by sea

No data available

14.6.3 Air transport

No data available

14.6.4 Inland waterway transport

No data available

14.6.5 Rail transport

No data available

14.7 Transport in bulk according to annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. Regulatory information

15.1. Safety, health and environmental regulation/legislation specific for the substance or mixture

15.1.1 EU-Regulations

No REACH Annex XVII restrictions
OKOAMAJI is not on the REACH Candidate List
Contains no substance on the REACH candidate list
OKOAMAJI is not on the REACH Annex XIV List
Contains no REACH annex XIV substances

15.1.2 National regulations

No additional information available.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16. Other information

Indication of changes

SDS Ref.	Modified	
Supersedes	Added	
Revision date	Added	
SDS EU format	Added	830/2015CE regulation

Data sources : 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Other information : None SDS EU (REACH Annex