

SAFETY DATA SHEET

Revision date: 03/09/2023

Version No: 1

Compliant with 29 CFR §1910.1200 HCS 2012

Compliant with HPR WHMIS 2015



Slow Release FOG Blocks

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Slow Release FOG Blocks
Chemical Name.	Microbial preparation
Declared activity	Bacterial count
Use of the substance/preparation	Professional wastewater treatment
Supplier's Contact	Maryland Biochemical Company, Inc 712 Tobacco Run Drive Bel Air, MD 21015 www.MarylandBiochemical.com
Information Telephone Number	1-800-771-7252 (work hours)
Emergency Telephone Number	1-800-424-9300 (Chemtrec) 24 hours every day

2. HAZARDS IDENTIFICATION

Classification

Classification of the chemical in accordance with 29CFR §1910.1200

WHMIS Classification

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

Label elements

Danger

Hazard statements

H302 - Harmful if swallowed

H315 - Causes skin irritation

H318 - Causes serious eye damage

Precautionary Statements - Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTRE or doctor/physician

P332 + P313 - If skin irritation occurs: Get medical advice/attention



Hazards not otherwise classified (HNOC)

Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Alkylbenzene sulfonate de sodium	68411-30-3	10 - 30

* The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
Skin Contact	Wash off immediately with soap and plenty of water
Inhalation	Move to fresh air
Ingestion	Clean mouth with water and afterwards drink plenty of water
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties	Slightly flammable according to HMIS criteria.
Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	None.
Hazardous Combustion Products	None.

Specific Hazards Arising from the Chemical May cause allergic respiratory reaction.

Protective Equipment and Precautions for Firefighters Self-contained breathing apparatus and standard turn-out apparel.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	For personal protection see section 8.
Environmental Precautions	Collect spillage.
Methods for cleaning up	Avoid formation of dust and aerosols. Spilled preparation should be removed immediately to avoid formation of dust from dried preparation. Take up by mechanical means preferably by a vacuum cleaner equipped with a HEPA (High Efficiency Particulate Air) filter. Flush remainder carefully with plenty of water. Avoid splashing, high pressure washing or compressed air cleaning to avoid formation of aerosols. Ensure sufficient ventilation. Wash contaminated clothing.
Other Information	For personal protection see section 8.

7. HANDLING AND STORAGE

Handling	Avoid formation of dust and aerosols. Ensure adequate ventilation This product is formulated to prevent formation of dust However, inappropriate handling may release dust
Storage Temperature Storage Conditions	Keep tightly closed in a dry and cool place. 0-25 °C (32-77 °F). In unbroken packaging - dry and protect from the sun. The product has been formulated for optimal stability. Extended storage or adverse conditions such as higher temperatures or higher humidity may lead to a higher dosage requirement.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls Engineering Controls	Ensure adequate ventilation, especially in confined areas Maintain good conditions of industrial hygiene. Some processes may require enclosures, local exhaust ventilation, or other engineering controls to control airborne levels. Additional handling and healthy/safety information is available upon request
Personal Protective Equipment Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment that meets HEPA/P100 specifications
Eye Protection Skin and body protection General Hygiene Considerations Environmental exposure controls	Wear safety glasses with side shields (or goggles) Wear protective gloves and protective clothing Handle in accordance with good industrial hygiene and safety practice Local authorities should be advised if significant spillages cannot be contained

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Extruded Ingredient
Color	Blue
Odor	Slight fermentation odor
Odor threshold	No information available
Boiling Point/Range	No information available
Melting Point/Range	No information available
Flash Point	No information available
Freezing point 1	No information available
Flammability (solid, gas)	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available
Autoignition temperature	No information available
Vapor Pressure	No information available
Decomposition temperature	No information available
Vapor Density	No information available
Density (g/ml)	1
Evaporation rate	No information available
Solubility	Readily soluble in application-relevant solutions at all levels of concentration, temperature and pH which may occur in normal usage.
Partition Coefficient (n-octanol/water)	No information available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Chemical stability
Stable under recommended storage conditions

Conditions to Avoid
Avoid destruction of granulate

Materials to avoid
None

Hazardous Decomposition Products
None

Possibility of hazardous reactions
None

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Chemical name	Acute oral toxicity	Acute inhalation toxicity	Skin corrosion/irritation	Serious eye damage/eye irritation
Alkylbenzene sulfonate de sodium	LD50: 300- 2000 mg/kg bw (OECD401)	No data available	irritating (OECD TG 404)	Risk of serious damage to eyes

Chemical name	Specific target organ toxicity (single exposure)	Genetic toxicity	Skin sensitization	Respiratory sensitization
Alkylbenzene sulfonate de sodium	No data available	No data available	non-sensitising	no data available

12. ECOLOGICAL INFORMATION

Toxicity

Chemical name	Daphnia, acute	Algae, acute	Fish, acute
Alkylbenzene sulfonate de sodium	No data available	No data available	LC50 (96 hours): 5 mg/l (Oncorhynchus mykiss)

Persistence/Degradability

Chemical name	Persistence and degradability	Partition coefficient (n-octanol/water)
Alkylbenzene sulfonate de sodium	-	3.32

Bioaccumulative Potential

Bioaccumulation is unlikely

Chemical name	Bioaccumulative Potential
Alkylbenzene sulfonate de sodium	Low

Mobility in soil
Not relevant

Other adverse effects
No information available

13. DISPOSAL CONSIDERATIONS

valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of Maryland Biochemical, it is the responsibility of the customer to determine the conditions of safe use of these products.

End of Safety Data Sheet

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