Safety Data Sheet (SDS)

Preparation Date 2021/08/31

Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	Arcofeliz AL-STSH1050
Product Code	P12410-AA13540
Reference Number	P1241013263-1
Company Name	Nagase ChemteX Corporation
Address	236, Tatsunocho-nakai, Tatsuno, Hyogo, Japan
Company Contact	Nagase ChemteX Corporation
Phone Number	+81-791-63-9085
Fax Number	+81-791-63-4565
Emergency Phone Number	+81-791-62-0862

Section 2 - HAZARDS IDENTIFICATION

GHS Classification

No classification standards applicable

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance or Mixture: Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS No.	ISHL No.	
Sodium alginate	≧85%	—	(8)-237	11-(4)-21	9005-38-3

Impurities and/or Stabilizing Additives which Contribute to the Classification: No information available

Section 4 - FIRST AID MEASURES

Inhalation: If breathing is difficult, move affected person to the open air. Keep him or her at rest to allow easier breathing.
Call a doctor if you feel unwell.

Skin Contact: Call a doctor if you feel unwell.
Wash the skin with flowing water or shower.
If skin irritation or rash occurs, get medical advice and attention.

Eye Contact: When the ocular stimulation lasts, Seek medical treatment and advice.
Wash eyes carefully for several minutes with water. Take off contact lenses if easily removed, and continue to wash eyes afterwards.

Ingestion: Rinse a mouth. Don't make vomit by force.
Get medical treatment and advice.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media: Foam. Carbon dioxide. BCF (where regulations permit). Dry chemical powder. Dry sand.

Specific Fire Fighting: Use extinguishing agent suitable for type of surrounding fire.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Keep unauthorized personnel away.

		Isolate the site as a leak area by providing a zone that has an appropriate width to all directions. Wear appropriate personal protective equipment (Refer to "Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION") and avoid inhalation or contact with eyes and skin. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental		Do not release into the environment. Pay attention not to cause the influence on the environment by discharging into rivers.
Methods and Equipment for Containment and Cleaning up		After removal, flush contaminated area thoroughly with water. For small amount of spills, collect spillages into empty container which can be sealed after absorbing with waste cloth, dry sand, absorbent etc. Large spills; prevent flowing out with a dike and collect it at a safe place. Flush a floor fully. Neutralize rinsing water after rinsing, if needed.
Prevention Measures for Secondary Accidents		Removes all ignition sources promptly. (Prohibition of smoking, sparks, and flames in the surrounding area).

Section 7 - HANDLING AND STORAGE

Handling	Technical Measures	Provide ventilation system and use necessary personal protective equipment as described in "Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION".
	Precautions for Safe Handling	Wash hand thoroughly after handling. Do not get in eyes, on skin or on clothing. Do not breath mist, vapors, spray, dust or fume. Do not swallow.
	Prevents Handling of Incompatible Substances or Mixtures	Refer to "Section 10 - STABILITY AND REACTIVITY".
	Specific Hygiene Measures	Wash hand thoroughly after handling.
Storage Precautionary Statements		Storage may be subjected to national, state, or local laws. Refrigerated storage (below 10 ℃).
	Conditions for Safe Storage	Refer to "Section 10 - STABILITY AND REACTIVITY". Keep away from direct sunlight, high temperature and high humidity. Keep in a well-ventilated place. Keep container tightly closed. Keep in a dark place.
	Material Used in Packaging/Container	Follow all regulations in your country. Keep only in the original container.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls		Facilities storing or utilizing this product should be equipped with an eyewash facility and safety shower. Handle at the workplace in which the suitable ventilator was installed.
Personal Protective Equipment	Respiratory Protection	Wear an adequate protective apparatus for respiratory organs.
	Hand Protection	Wear protective gloves.
	Eye Protection	Wear eye protection. Goggles (ordinary glass type with side shields, and goggle type)
	Skin and Body Protection	Wear suitable protective clothing. Use impervious protective clothing(e.g. apron, rubber boots etc.) if needed.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form	solid (crude crushed)
	Colour	white or light yellow
Odour		almost odorless
Odour threshold		no data available
pH		6 ～ 8
Melting Point/Freezing Point		no data available
Initial Boiling Point and Boiling Ranges		no data available
Flash Point		Not ignited
Evaporation Rate		no data available
Flammability (solid, gas)		no data available
Flammability or Explosive Limits	Lower Limit	no data available
	Upper Limit	no data available
Vapour Pressure		no data available
Vapour Density		no data available
Specific Gravity (Density)		no data available
Solubility		It easily dissolves in hot and cold water.
Partition Coefficient : n-Octanol/Water		no data available
Auto-Ignition		no data available
Decomposition Temperature		no data available
Viscosity		no data available

Section 10 - STABILITY AND REACTIVITY

Chemical stability and Reactivity	Gelation will occur if calcium ions are added to an aqueous solution of this product.
Possibility of Hazardous Reaction	This product may react when mixed with strong oxidizing agents.
Conditions to Avoid	Sunlight, heat, environment above 30℃ for a long time. High-temperature material. Spark. Naked flame.
Incompatible Substances or Mixtures	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.

Section 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity	No information available

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity	No information available
Persistence	Biodegradable
Hazardous to the ozone layer	No information available

Section 13 - DISPOSAL CONSIDERATIONS

Residual Waste	Incinerate in small portions with an incinerator or entrust to an industrial waste disposal company approved by the local authority. Discharge, treatment, or disposal may be subjected to national, state, or local laws. When destroying by fire, burn the waste in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated Container and Packaging	If possible, clean up and recycle. Or perform suitable processing in accordance with regulation. Remove residual contents completely before an empty container is discarded.

Section 14 - TRANSPORT INFORMATION

International Regulations	Regulatory Information by Sea	Not applicable
	Transport in bulk according to MARPOL 73/78,Annex Ⅱ,and the IBC code	Not applicable
	Regulatory Information by Air	Not applicable
Specific Safety Measures		Cool storage (below 10 ℃). Check the container for any leaks and breakages. Load up carefully to prevent a fall, a overturning and a breakage. Carry out prevention to unpiling of cargo. Do not wet container. Do not handle roughly.

Section 15 - REGULATORY INFORMATION

Follow all regulations in your country.

Section 16 - OTHER INFORMATION

Information Contact	See "Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION".
Literature References	・GHS LOGIST (SDS Authoring Systems) / Japan Chemical Database Ltd. ・Chemical Risk Information Platform (CHRIP) / National Institute of Technology and Evaluation (NITE) ・Online SDS Information / Ministry of Health, Labour and Welfare (JAPAN) ・ezADVANCE / Japan Chemical Database Ltd. ・ChemWatch online ChemGold ・SDS information of raw materials
Other Property	The information provided in this Material 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.