

Serial No. GMSASE0008E

## SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : EMALEX GMS-ASE  
COMPANY NAME, ADDRESS, PHONE NUMBER : NIHON EMULSION CO., LTD.  
: 5-32-7 Koenji-Minami Suginami-Ku Tokyo 166-0003 Japan  
: (81)3-3314-3211  
FAX NUMBER : (81)3-3312-7207  
E-MAIL ADDRESS : trade@nihon-emulsion.co.jp  
RECOMMENDED USE OF PRODUCT : Cosmetic material and Surfactant  
LIMITATION : For use other than recommended purposes, please consult a professional.  
SERIAL No. : GMSASE0008E

## 2. HAZARDS IDENTIFICATION

## GHS CLASSIFICATION OF THE SUBSTANCE:

PHYSICAL HAZARDS: : Not classified, or Classification not possible

## HEALTH HAZARDS:

ACUTE TOXICITY (Oral) : Classification not possible  
ACUTE TOXICITY (Dermal) : Classification not possible  
ACUTE TOXICITY (Inhalation, Gas) : Not classified  
ACUTE TOXICITY (Inhalation, Vapour) : Classification not possible  
ACUTE TOXICITY (Inhalation, Dust, Mist) : Classification not possible  
SKIN CORROSION/IRRITATION : Classification not possible  
SERIOUS EYE DAMAGE/EYE IRRITATION : Classification not possible  
RESPIRATORY SENSITIZATION : Classification not possible  
SKIN SENSITIZATIONS : Classification not possible  
GERM CELL MUTAGENICITY : Classification not possible  
CARCINOGENICITY : Classification not possible  
REPRODUCTIVE TOXICITY : Classification not possible  
SPECIFIC TARGET ORGAN TOXICITY SINGLE EXPOSURE : Classification not possible  
SPECIFIC TARGET ORGAN TOXICITY REPEATED EXPOSURE : Classification not possible  
ASPIRATION HAZARD : Classification not possible

## ENVIRONMENTAL HAZARDS:

SHORT-TERM (ACUTE) HAZARDOUS TO THE AQUATIC ENVIRONMENT : Category 3  
LONG-TERM (CHRONIC) HAZARDOUS TO THE AQUATIC ENVIRONMENT : Category 3  
HAZARDS TO THE OZONE LAYER : Classification not possible

## LABEL ELEMENTS:

PICTORIAL REPRESENTATIONS : Not applicable  
SIGNAL WORD : Not applicable  
HAZARD STATEMENTS : Harmful to aquatic life with long lasting effects.

## PRECAUTIONARY STATEMENTS

PREVENTION : Avoid release to the environment. (P273)

RESPONSE : IF SWALLOWED: Call a POISON CENTER/ doctor/ If you feel unwell.  
(P301+P312)

IF ON SKIN: Wash with plenty water. (P302+P352)

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

STORAGE : Store in a closed container. (P404)

DISPOSAL : Dispose of contents/container according to the rule of

Serial No. GMSASE0008E

international/country/metropolis and districts/cities and towns. (P501)  
PRECAUTIONS FOR USE : Please refer to Safety Data Sheet.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE INGREDIENTS AND CONTENTS		:Substance	
No.	COMPONENT	Wt%	CAS
1	Glyceryl Stearate	95.5	11099-07-3
2	Sodium Stearate	4.5	822-16-2

### 4. FIRST-AID MEASURES

IF INHALED	: Remove to fresh air and keep comfortable for breathing.
IF ON SKIN	: Wash with plenty water.
IF IN EYES	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF SWALLOWED	: Call a POISON CENTER doctor. If you feel unwell.
PROTECTION OF THE PERSON MAKING THE EMERGENCY MEASURES	: No information.
THE SPECIAL INSTRUCTIONS FOR THE DOCTOR	: No information.

### 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	: Dry chemical, Foam chemical, Carbon dioxide, sand, Spray water.
UNSUITABLE EXTINGUISHING MEDIA	: No information.
SPECIFIC FIRE-FIGHTING HAZARDS	: No information.
SPECIFIC METHODS OF FIRE-FIGHTING	: Eliminate the source of combustion, extinguish a fire using the fire extinguishing agent appropriate. As much as possible to do extinguish the fire from upwind.
PROTECTIVE FOR FIRE-FIGHTERS	: To extinguish the fire appropriate protective equipment (gloves, glasses, masks, etc.) to wear.

### 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	: The work should be worn (gloves, glasses) protective equipment. If large amounts of spilled material, safely retract the human. To ensure ventilation as needed.
ENVIRONMENTAL PRECAUTIONS	: Do not wash away into rivers and direct sewage spilled material.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP	: Use the vacuum cleaner dust explosion safety specifications, laws and regulations, to recover so as not to generate dust.
PREVENTIVE MEASURES FOR SECONDARY ACCIDENT	: Prepare a fire extinguishing agent as soon as possible with except near sources of ignition.

### 7. HANDLING AND STORAGE

#### HANDLING:

RECOMMENDED HANDLING	: By long-term storage conditions and storage, may be melting or solidifying. Avoid the storage and transport at high temperatures.
TECHINICAL MEASURES	: Close to the handling area, set up facilities for eyewash and body wash.
PRECAUTION FOR SAFE HANDLING	: Flammable – Keep Fire Away Adequate ventilation in the workplace do. Wear appropriate protective equipment protective glasses protective gloves. After handling, wash hands and face, and then gargle. Be careful when handling a large amount of it is considered that the risk of dust explosion.

#### STORAGE:

CONDITIONS FOR SAFE STORAGE	: Store airtight at room temperature and then. The product may do fusion or compaction. Under the influence of a storage condition and long-term safekeeping. Avoid safekeeping and the transportation under the high temperature.
SAFETY PAKAGING MATERIAL	: No information.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Serial No. GMSASE0008E

## PERMISSION VALUE:

JAPAN SOCIETY FOR  
OCCUPATIONAL HEALTH

: Not authorized.

ACGIH

: Stearates: TLV-TWA 10 mg/m<sup>3</sup>(I) 3 mg/m<sup>3</sup>(R) (LRT irr(Lower respiratory tract irritation)) (2017)

## CONTROL VALUE

: Not authorized.

## ENGINEERING MEASURES

: Close to the handling area, set up facilities for eyewash and body wash. If dust is generated, use local exhaust ventilation.

## PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION

: In normal handling is not required.

HAND PROTECTION

: Rubber protective glove.

EYES/FACE PROTECTION

: Protection glasses with the side plate. (Need full protective glasses or goggles type safety glasses )

SKIN/BODY PROTECTION

: Long-sleeved work clothes.

## APPROPRIATE HYGIENE MEASURES

: No information.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE

: Beads

COLOR

: Light yellowish white

ODOR

: Slightly characteristic odor

MELTING POINT/SOLIDIFYING POINT

: 60°C (Melting point)

BOILING POINT OR INITIAL BOILING  
POINT AND BOILING RANGE

: No data.

FLAMMABILITY

: No data.

LOWER AND UPPER EXPLOSION  
LIMIT/FLAMMABILITY LIMIT

: No data.

FLASH POINT

: 190°C (Cleveland open-cup method)

AUTO-IGNITION TEMPERATURE

: No data.

DECOMPOSITION TEMPERATURE

: No data.

pH

: No data.

KINEMATIC VISCOSITY

: No data.

SOLUBILITY: WATER SOLUBILITY

: Insoluble

SOLUBILITY: SOLVENT SOLUBILITY

: No data.

PARTITION COEFFICIENT  
N-OCTANOL/WATER

: No data.

VAPOUR PRESSURE

: No data.

DENSITY AND/OR RELATIVE DENSITY

: No data.

RELATIVE VAPOUR DENSITY

: No data.

PARTICLE CHARACTERISTICS

: No data.

OTHER DATA

: No data.

## 10. STABILITY AND REACTIVITY

REACTIVITY

: Reactivity is low. There is no self-reactive.

CHEMICAL STABILITY

: Conditions are stable at normal handling.

POSSIBILITY OF HAZARDOUS REACTIONS

: Conditions are stable at normal handling.

CONDITIONS TO AVOID

: No information.

INCOMPATIBLE MATERIALS

: No information.

HAZARDOUS DECOMPOSITION PRODUCTS : No information.

## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL

: No information. Classification not possible.

SKIN

: No information. Classification not possible.

Serial No. GMSASE0008E

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INHALATION	: (GAS) Not classified. (VAPOR) No information. Classification not possible. (DUST, MIST) No information. Classification not possible.
SKIN CORROSION/IRRITATION	: No information. Classification not possible.
SERIOUS EYE DAMAGE/EYE IRRITATION	: No information. Classification not possible.
RESPIRATORY OR SKIN SENSITIZATION	: No information. Classification not possible.
GERMCELL MUTAGENICITY	: No information. Classification not possible.
CARCINOGENICITY	: No information. Classification not possible.
IARC	: Unauthorized.
NTP	: Unauthorized.
NIHON SANGYO HYGIENE SOCIETY	: Unauthorized.
REPRODUCTIVE TOXICITY	: No information. Classification not possible.
SPECIFIC TARGET ORGAN TOXICITY, SINGLE EXPOSURE	: No information. Classification not possible.
SPECIFIC TARGET ORGAN TOXICITY, REPEATED EXPOSURE	: No information. Classification not possible.
ASPIRATION HAZARD	: No information. Classification not possible.

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## 12. ECOLOGICAL INFORMATION

ECOTOXICITY	: Sodium Stearate : EC50 = 19mg / L of 48hours (water flea) (Results of aquatic toxicity tests of chemicals conducted by Ministry of the Environment in Japan, 2000). From this data, it cannot be denied that toxicity may have occurred at the water solubility of this substance (3.322 mg / L (PHYSPROP Database, 2005)). This substance is classified in Category 2. (Reference data).
PERSISTENCE AND DEGRADABILITY	: No information.
BIOACCUMULATIVE POTENTIAL	: No information.
MOBILITY IN SOIL	: No information.
HAZARD TO THE OZONE LAYER	: No information.
OTHER DATA	: No information. : This product is not considered PBT/VPvB and EDCs. This product is not nanomaterial.

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## 13. DISPOSAL CONSIDERATIONS

- : See the chapter "Precautions for Handling and storage".
- Entrusted to specialized industrial waste disposal company has received the permission of the prefectural governor.  
If the combustion process is performed, during combustion, such as carbon monoxide occurs because, in small portions to be disposed of by incineration.  
When disposing of empty containers and dispose after complete removal of the contents.  
If possible, it is desirable to recycle empty containers / packaging.
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## 14. TRANSPORT INFORMATION

UN NUMBER	: Not applicable.
PROPER SHIPPING NAME	: Not applicable.
CLASS	: Not applicable.
PACKING GROUP	: Not applicable.
MARINE POLLUTANT	: Not applicable.
IBC CODE and ANNEX II MARPOL73/78	: Not applicable.

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Serial No. GMSASE0008E

SPECIFIC CONDITIONS of TRANSPORT and : See: "Accidental Release Measures of treatment when leakage".  
SAFETY MEASURES

See the chapter "Precautions for Handling and storage".  
Make sure that there is no damage or leakage of the container.  
To ensure the prevention of collapse of the luggage.  
In accordance with applicable laws and regulations, do packaging, display and transportation.

EMERGENCY FIRST AID GUIDELINE : Not applicable.  
NUMBER

INTERNATIONAL REGULATIONS : Comply with the rules of IATA air transport and IMDG sea transport.

LOCAL REGULATIONS : Land transportation: According to the method of transportation has been established Fire Service Act, the Occupational Safety and Health Act, etc..  
Maritime transport: According to the method of transportation is specified in the Ship Safety Law.  
Air transport: According to the method of transportation have been established in the Aviation Law.

## 15. REGULATORY INFORMATION

CHEMICAL SUBSTANCES CONTROL LAW : Not applicable.  
(THE SPECIFIED CHEMICAL, MONITOR  
CHEMICALS)

POISONOUS AND DELETERIOUS : Not applicable.  
SUBSTANCES CONTROL LAW

### REGISTRATION INFORMATION:

No.	ENCS (Japan)	TSCA (USA)	EINECS (EU)	AICS (Australia)	DSL (Canada)	ECL (Korea)	PICCS (Philippines)	IECSC (China)
1	2-669	Listed	234-325-6	Listed	Listed	KE-26367	Listed	Listed
2	2-611	Listed	212-490-5	Listed	Listed	KE-26415	Listed	Listed

## 16. OTHER INFORMATION:

### REFERENCE:

MANUFACTURER'S NAME : NIHON EMULSION CO., LTD.  
ADDRESS : 5-32-7 Koenji-Minami Suginami-Ku Tokyo 166-0003 Japan  
DEPARTMENT IN CHARGE : SALES DEPARTMENT  
DEPARTMENT THAT PREPARED : R&D DEPARTMENT  
PHONES NUMBERS : (81)3-3314-3211  
FAX NUMBERS : (81)3-3312-7207  
E-MAIL ADDRESS : trade@nihon-emulsion.co.jp  
EMERGENCY CONTACT : (81)3-3314-3211

### REFERENCE

- Japanese Industrial Standards JIS Z 7253 : 2019 Hazard communication of chemicals based on GHS --- Labelling and Safety Data Sheet (SDS)
- International Chemical Safety Cards Japanese version
- Guidelines for creating product safety data sheets (Revised edition) Japan Chemical Industry Association • RESPONSIBLE CARE COUNCIL October 2001
- Japan Surfactant Industry Association MSDS Creation guidelines and Standard MSDS models of major products (Revised edition) November 2001
- Japan Surfactant Industry Association SRA-GHS Classification judgment February 2006
- Japan Chemical Industry Association GHS compliance guidelines for creating product safety data sheets 2nd edition October 2008
- Mitsubishi Research Institute Ministry of Economy, Trade and Industry GHS classification etc. Infrastructure development project report March 2008
- Japanese Industrial Standards JIS Z 7252 : 2019 (Classification of chemicals based on "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)")
- Japan Surfactant Industry Association Guidance on the preparation of GHS MSDS of surfactant (2010 edition)

# EMALEX GMS-ASE

NIHON EMULSION CO., LTD. P 6/6

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Serial No. GMSASE0008E

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The information contained is based on the present state of best research. However evaluation with respect to data described and are not necessarily sufficient to guarantee safety. All materials may present unknown hazards and should be used in caution. It is the user's responsibility to determine the conditions necessary for the safe use of this product. In case of special use, carry out that appropriate safe handling for new method of use. Ingredients and contents, Physical and chemical properties, Hazard statements are shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This SDS is translated into English language in reference to the laws and regulations were made in Japan.

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