

Serial No. NIO980007E

## SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : EMALEX NIO-98

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

LIMITATION : For use other than recommended purposes, please consult a professional.

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## 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) : Classification not possible

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 : Classification not possible

LONG-TERM (CHRONIC) HAZARDOUS TO THE AQUATIC ENVIRONMENT : Classification not possible

HAZARDS TO THE OZONE LAYER : Classification not possible

## LABEL ELEMENTS:

PICTORIAL REPRESENTATIONS : Not applicable

SIGNAL WORD : Not applicable

HAZARD STATEMENTS : Not applicable

## PRECAUTIONARY STATEMENTS

PREVENTION : Wash thoroughly after handling. (P264)

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

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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	2-Ethylhexyl Isononanoate	100	70969-70-9 71566-49-9

### 4. FIRST-AID MEASURES

IF INHALED	: Move a victim in the place of fresh air, Rest in a position comfortable for breathing.
IF ON SKIN	: Wash it with a large quantity of water. When skin stimulation occurs, receive a diagnosis / allowance of the doctor.
IF IN EYES	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact a doctor promptly. Immediately call a POISON CENTER or doctor
IF SWALLOWED	: When you feel sick, receive a diagnosis / allowance of the doctor.
PROTECTION OF THE PERSON MAKING THE EMERGENCY MEASURES	: Rescuers rubber gloves should be worn protective equipment, such as sealed goggles.
THE SPECIAL INSTRUCTIONS FOR THE DOCTOR	: No information.

### 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	: Dry chemical, Foam chemical, Carbon dioxide, sand.
UNSUITABLE EXTINGUISHING MEDIA	: No information.
SPECIFIC FIRE-FIGHTING HAZARDS	: Because poisonous gases such as carbon monoxide are included in combustion gases, in the case of the fire extinguishing work, I avoid inhalation with smoke.
SPECIFIC METHODS OF FIRE-FIGHTING	: ATo their sources of origin of a fire burning, extinguish a fire using the fire extinguishing agent appropriate. To extinguish the fire from upwind to do as much as possible. Stakeholders other than evacuate to a safe location. Equipment, etc., cool by watering the surrounding.
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	: Work, protective equipment (gloves, glasses, masks, etc.) be sure to wear. Wear other protective equipment as necessary. If a large amount of in a safe place to shelter people. To ensure ventilation as needed. Keep away from ignition sources such as heat / spark / open fire / high temperature ones. No smoking.
ENVIRONMENTAL PRECAUTIONS	: Do not wash away into rivers and direct sewage spilled material.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP	: If a large amount of taken what was leaked, drum, etc. to recover. A small amount of residue after recovery to be absorbed into the soil or sawdust, etc.. Well wipe cloth, rag, etc. the rest. Note location for slippery spills. If a small amount of, after the removal of adsorbed (such as sand, earth, sawdust, rags), well wipe cloth, rag, etc. the rest of the adsorbent.
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 a storage condition, the whole or part may solidify. At that time, heat, melt and uniform before use. Keep away from overheating.
TECHINICAL MEASURES	: Close to the handling area, set up facilities for eyewash and body wash.
PRECAUTION FOR SAFE HANDLING	: Keep away from ignition sources such as heat / spark / open fire / high temperature ones. No smoking. Adequate ventilation in the workplace do. Wear appropriate protective equipment protective glasses protective gloves. Prevent direct contact. After handling, wash hands and face, and then gargle.

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## STORAGE:

CONDITIONS FOR SAFE  
STORAGE

: Keep container in a well-ventilated place. Indoors it is desirable from the viewpoint of quality assurance. Keep away from ignition sources such as heat / spark / open fire / high temperature ones. No smoking.

SAFETY PACKAGING MATERIAL

: Follow a product use container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## PERMISSION VALUE:

JAPAN SOCIETY FOR  
OCCUPATIONAL HEALTH

: Not authorized.

ACGIH

: Not authorized.

## CONTROL VALUE

: Not authorized.

## ENGINEERING MEASURES

: If fume or mist occurs, installing a local exhaust ventilation or vapor. Close to the handling area, set up facilities for eyewash and body wash.

## PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION

: In normal handling is not required.

HAND PROTECTION

: Protective gloves impervious.

EYES/FACE PROTECTION

: Protection glasses with the side plate.

SKIN/BODY PROTECTION

: Long-sleeved work clothes.

## APPROPRIATE HYGIENE MEASURES

: No information.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE

: Liquid

COLOR

: Colorless

ODOR

: Odorless

MELTING POINT/SOLIDIFYING POINT

: No data.

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

: 146°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

: Dissolve in ethanol.

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

: No information.

CHEMICAL STABILITY

: Stable under normal conditions of use.

POSSIBILITY OF HAZARDOUS REACTIONS

: No information.

CONDITIONS TO AVOID

: High temperature.

INCOMPATIBLE MATERIALS

: No information.

HAZARDOUS DECOMPOSITION PRODUCTS

: No information.

## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

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ORAL : No information. Classification not possible.

SKIN : No information. Classification not possible.

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 : Data showed a clear action initiation is not.

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 : No information.

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.

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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.

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

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  
NUMBER : 171

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

POISONOUS AND DELETERIOUS  
SUBSTANCES CONTROL LAW : Not applicable.

## REGISTRATION INFORMATION:

No.	ENCS (Japan)	TSCA (USA)	EINECS (EU)	AICS (Australia)	DSL (Canada)	ECL (Korea)	PICCS (Philippines)	IECSC (China)
1	2-782	Listed Listed	275-073-7 275-637-2	Listed Listed	Non Non	KE-34560 Non	Non Listed	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)

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.