

# SAFETY DATA SHEET

## [1.PRODUCT AND COMPANY IDENTIFICATION]

PRODUCT NAME : EMASOL S-120V  
SUPPLIER : Kao Corporation  
ADDRESS : 1-3,Bunka 2-chome,Sumida-ku,Tokyo 131-8501 Japan  
DIVISION : Global Chemical Business  
TELEPHONE NUMBER : 81-3-5630-7700  
FAX NUMBER : 81-3-5630-7889  
E-MAIL ADDRESS : chemical@kao.co.jp  
EMERGENCY TELEPHONE NUMBER : 81-3-5630-7700  
RECOMMENDED USE :  
AND RESTRICTIONS ON USE :

## [2.HAZARDS IDENTIFICATION]

### GHS CLASSIFICATION

PHYSICAL AND CHEMICAL HAZARDS : Not classified

### HEALTH HAZARDS

ACUTE TOXICITY (Oral) : Not classified  
ACUTE TOXICITY (Dermal) : Not classified  
ACUTE TOXICITY (Inhalation) : Not applicable(Vapours)  
SKIN CORROSION / IRRITATION : Not classified  
SERIOUS EYE DAMAGE / EYE IRRITATION : Not classified  
RESPIRATORY SENSITIZATION : Classification not possible  
SKIN SENSITIZATION : 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  
- REPEATED EXPOSURE : Classification not possible  
ASPIRATION HAZARD : Classification not possible

### ENVIRONMENTAL HAZARDS

#### HAZARDOUS TO THE AQUATIC ENVIRONMENT

- ACUTE HAZARD : Classification not possible  
- LONG-TERM HAZARD : Classification not possible  
- HAZARDOUS TO THE OZONE LAYER : Classification not possible

### GHS LABEL ELEMENTS

PICTOGRAMS OR SYMBOLS : Not applicable  
SIGNAL WORD : Not applicable  
HAZARD STATEMENTS : Not applicable

### PRECAUTIONARY STATEMENTS

PREVENTION : Wash thoroughly after handling.  
If needed, use personal protective equipment as required.  
RESPONSE : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF ON SKIN: Gently wash with plenty of water and soap.  
Call a POISON CENTER or doctor if you feel unwell.  
STORAGE : Store in well-ventilated place.  
DISPOSAL :

SAFE HANDLING ADVICE : Refer to SDS.  
This product may form partially precipitate according to the storage condition.  
In that case, please warm-up for melting, then use as homogenous liquid.

## [3.COMPOSITION / INFORMATION ON INGREDIENTS]

SUBSTANCE OR MIXTURE : Substance  
INGREDIENTS AND CONCENTRATION RANGE : Polyoxyethylene(20) sorbitan monostearate  
CAS RN : 9005-67-8

## [4.FIRST-AID MEASURES]

IN CASE OF INHALATION : Remove person to fresh air and keep comfortable for breathing.  
IN CASE OF SKIN CONTACT : Gently wash with plenty of soap and water.  
IN CASE OF EYE CONTACT : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IN CASE OF INGESTION : Call a POISON CENTER or doctor if you feel unwell.

## [5.FIRE-FIGHTING MEASURES]

EXTINGUISHING MEDIA : Powder, alcohol-resistant foam, water spray, carbon dioxide,sand  
NOT SUITABLE EXTINGUISHING MEDIA : No information available  
SPECIFIC HAZARDS : No information available  
SPECIFIC METHODS : Keep away from sources of ignition and use appropriate extinguishing media.Fight fire from upwind position if possible.  
PROTECTION OF FIRE FIGHTERS : Use goggles in combination with dust mask, and other protections as appropriate to situation.

## [6.ACCIDENTAL RELEASE MEASURES]

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURE : Use goggles and protective gloves.  
Large spills : Remove person to safety.  
Ensure adequate ventilation.  
ENVIRONMENTAL PRECAUTIONS : Do not discharge into the drains, surface waters or ground water directly.  
METHODS FOR CLEANING UP : Cool down to solid in case of melt(be careful of heat),and then sweep or vacuum spilled materials to drums or containers.  
PREVENTION OF SECONDARY HAZARDS : Keep away from sources of ignition and prepare extinguishing media.

## [7.HANDLING AND STORAGE]

## HANDLING

TECHNICAL MEASURES : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.  
PRECAUTIONS : Keep away from source of ignition.  
By repeated heating, water may cause container to be apt to corrode.  
Once opened container, it is desirable to be used up.  
This product may form partially precipitate according to the storage condition. In that case, please warm-up for melting, then use as homogenous liquid.  
SAFE HANDLING ADVICE : Use an adequate ventilation.  
Wash thoroughly after handling.  
If needed, use personal protective equipment as required.

## STORAGE

SUITABLE STORAGE CONDITIONS : Store container tightly closed in well-ventilated place.  
Keep away from source of ignition.  
SAFE PACKAGING MATERIALS : No information available

## [8.EXPOSURE CONTROLS / PERSONAL PROTECTION]

ENGINEERING MEASURES : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.  
Use an adequate ventilation.

## LIMIT VALUES

ACGIH (TLV) : Not established

OSHA (PEL) : Not established

## PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION : Use as appropriate to situation.

HAND PROTECTION : Rubber gloves

EYE PROTECTION : Safety glasses

SKIN AND BODY PROTECTION : Full-body suit

HYGIENE MEASURES : No information available

## [9.PHYSICAL AND CHEMICAL PROPERTIES]

## APPEARANCE

PHYSICAL STATE : Solid

COLOUR : Yellow

ODOUR : Slightly characteristic odour

pH : 7 (5% solution)

SPECIFIC TEMPERATURES / TEMPERATURE RANGES  
AT WHICH CHANGES IN PHYSICAL STATE OCCUR

BOILING POINT : No information available

MELTING POINT : 23.5 °C ( 74.3 °F)

FLASH POINT : 277 °C ( 530.6 °F) (CLEVELAND open cup method)

## FLAMMABILITY OR EXPLOSIVE PROPERTIES

FLAMMABILITY OR EXPLOSIVE LIMITS : UPPER LIMIT : No information available LOWER LIMIT : No information available

VAPOUR PRESSURE : No information available

VAPOUR DENSITY : No information available

DENSITY (SPECIFIC GRAVITY) : 1.041 g/mL ( 70 °C) ( 158 °F)  
1.030 g/mL ( 80 °C) ( 176 °F)  
1.0192 g/mL ( 90 °C) ( 194 °F)

## SOLUBILITY

WATER SOLUBILITY : Soluble(10%, 25C)

SOLVENT SOLUBILITY : Soluble in ethyl alcohol  
Insoluble in n-hexane, hazy in xylene.

PARTITION COEFFICIENT: n-OCTANOL / WATER (log Pow) : No information available

AUTO-IGNITION TEMPERATURE : No information available

DECOMPOSITION TEMPERATURE : No information available

ODOUR THRESHOLD : No information available

EVAPORATION RATE : No information available

FLAMMABILITY (SOLID,GAS) : No information available

VISCOSITY : 86 mPa.s ( 70 °C) ( 158 °F)  
58 mPa.s ( 80 °C) ( 176 °F)  
48 mPa.s ( 90 °C) ( 194 °F)

OTHER DATA : No information available

## [10.STABILITY AND REACTIVITY]

CHEMICAL STABILITY : Stable in general.

POSSIBILITY OF HAZARDOUS REACTIONS : Low reactivity  
CONDITIONS TO AVOID : No information available  
INCOMPATIBLE MATERIALS : No information available  
HAZARDOUS DECOMPOSITION PRODUCTS : No information available  
OTHERS : No information available

## [11.TOXICOLOGICAL INFORMATION]

## ACUTE TOXICITY

## Oral

INFORMATION ON PRODUCT : Mouse, LD50 : &gt; 15 g/kg (Data on similar product)

## Dermal

INFORMATION ON PRODUCT : No information available

## Inhalation

INFORMATION ON PRODUCT : No information available

## SKIN CORROSION / IRRITATION

INFORMATION ON PRODUCT : No information available

## SERIOUS EYE DAMAGE / IRRITATION

INFORMATION ON PRODUCT : No information available

## RESPIRATORY OR SKIN SENSITIZATION

## RESPIRATORY

INFORMATION ON PRODUCT : No information available

## SKIN

INFORMATION ON PRODUCT : No information available

## MUTAGENICITY (GERM CELL MUTAGENICITY)

INFORMATION ON PRODUCT : No information available

## CARCINOGENICITY

INFORMATION ON PRODUCT : No information available

IARC : Not listed

NTP : Not listed

EU : Not listed

OSHA : Not listed

## REPRODUCTIVE TOXICITY

INFORMATION ON PRODUCT : No information available

## SPECIFIC TARGET ORGAN TOXICITY

## - SINGLE EXPOSURE

INFORMATION ON PRODUCT : No information available

## - REPEATED EXPOSURE

INFORMATION ON PRODUCT : No information available

## ASPIRATION HAZARD

INFORMATION ON PRODUCT : No information available

## OTHER INFORMATION

: No information available

## [12.ECOLOGICAL INFORMATION]

ECOTOXICITY : No information available

PERSISTENCE / DEGRADABILITY : No information available

MOBILITY IN SOIL : No information available

BIOACCUMULATIVE POTENTIAL : No information available

OTHER ADVERSE EFFECTS : No information available

## [13.DISPOSAL CONSIDERATIONS]

Review "HANDLING AND STORAGE (Section 7)".  
Passed to a licensed waste contractor.

Dispose of waste in accordance with local,state and federal regulations.

## [14.TRANSPORT INFORMATION]

Follow all regulations in your country or region

## INTERNATIONAL REGULATIONS

UN CLASS / UN NUMBER : Not applicable (IMDG, IATA)  
SPECIAL PRECAUTIONS FOR USER : Review "ACCIDENTAL RELEASE MEASURES (Section 6)".  
Review "HANDLING AND STORAGE (Section 7)".  
Ensure containers without breakage or leakage.  
Ensure containers tightly fixed.  
Follow all regulations in your country or region.  
Keep away from source of ignition.

## [15.REGULATORY INFORMATION]

Follow all regulations in your country or region.

INVENTORIES	: ENCS(Japan)	Yes
	TSCA(USA)	Yes
	EINECS(EU)	Yes(Polymer)
	AICS(Australia)	Yes
	DSL(Canada)	Yes
	ECL(Korea)	Yes
	PICCS(Philippines)	Yes
	IECSC(China)	Yes

KAO Corporation is not able to check up the regulatory information in regard to the substances in your country or region,therefore,we request this matter would be filled by your responsibility.

## [16.OTHER INFORMATION]

REFERENCE : -Safety data sheet for chemical products - Part 1: Content and order of sections(ISO 11014-1)  
-International Chemical Safety Cards(ICSC) (Compiler's Guide)(1994)

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