

# SAFETY DATA SHEET

## 1. Identification of the substance or mixture and of the supplier

**GHS Product identifier:** AMINON C-11S

**Other means of identification**

**SDS number:** B0031281

**Recommended use of the chemical and restrictions on use**

**Recommended use:** Not available.

**Recommended restrictions:** Not known.

**Supplier's details**

**Manufacturer**

Company Name:	PT. Kao Indonesia Chemicals
Address:	Jl. Harapan Raya Lot LL-3B, Kawasan Industri KIIC, Karawang 41361
West Java, Indonesia	
Telephone:	+62-267-8634844
Fax:	+62-267-8634845
Contact division:	Marketing Department
E-mail:	-

**Emergency telephone number:** +62-21-29369954 (Ext. 1502) (For chemical emergencies only)

## 2. Hazard(s) identification

**GHS classification**

**Health Hazards**

Skin Corrosion/Irritation	Category 1
Serious Eye Damage/Eye Irritation	Category 1

**Unknown toxicity - Health**

Acute toxicity, dermal	90 %
Acute toxicity, inhalation, dust or mist	90 %

**Environmental Hazards**

Acute hazards to the aquatic environment	Category 1
Chronic hazards to the aquatic environment	Category 1

**Unknown toxicity - Environment**

Acute hazards to the aquatic environment	0 %
Chronic hazards to the aquatic environment	0 %

**Label Elements**

**Pictograms:**



**Signal Word:**

Danger

**Hazard Statement:**

Causes severe skin burns and eye damage.  
Very toxic to aquatic life with long lasting effects.

### Precautionary Statements

**Prevention:**

Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash contaminated clothing before reuse. Collect spillage.

**Storage:**

Store locked up.

**Disposal:**

Passed to a licensed waste contractor.

**Other hazards which do not result in GHS classification:** None.

### 3. Composition/information on ingredients

#### Substances

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Fatty acids, C8-18, methylethanolamide	-	371967-96-3	

### 4. First-aid measures

#### Description of first aid measures

**Inhalation:**

Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

**Skin Contact:**

Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

**Personal Protection for First-aid Responders:** No data available.

**Most important symptoms and effects, both acute and delayed Symptoms:** No data available.

**Hazards:** No data available.

#### **Indication of immediate medical attention and special treatment needed**

**Treatment:** Get medical attention if symptoms occur.

### **5. Fire-fighting measures**

#### **Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Powder, alcohol-resistant foam, water spray, carbon dioxide,sand

**Unsuitable extinguishing media:** No data available.

**Special hazards arising from the substance or mixture:** Produce irritating or toxic gases in a fire.

#### **Special protective equipment and precautions for fire-fighters**

**Special fire-fighting procedures:** Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible. Do not flow the materials causing adverse effects into the environment with effluent fire extinguishing agents.

**Special protective equipment for fire-fighters:** Use goggles in combination with dust mask, and other protections as appropriate to situation. Risk of producing harmful gases such as carbon monoxide and nitrogen oxides. Avoid inhalation of smoke or gases.

### **6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.

**Accidental release measures:** Keep away from sources of ignition and prepare extinguishing media.

**Methods and material for containment and cleaning up:** Small spills: Absorb spills with sand, inert absorbent, waste cloth or sawdust. Then wipe up remainder in waste cloth. Large spills: Dike spills and dispose of in safe area.

**Environmental Precautions:** Avoid release to the environment.

## 7. Handling and storage

### Handling

<b>Technical measures:</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
<b>Local/Total ventilation:</b>	Use an adequate ventilation.
<b>Safe handling advice:</b>	Keep away from source of ignition. Avoid contact with skin and eyes. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray.
<b>Contact avoidance measures:</b>	No data available.

### Storage

<b>Safe storage conditions:</b>	Keep container tightly closed. Store in a well-ventilated place. Store locked up. Keep away from source of ignition.
<b>Safe packaging materials:</b>	No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
Glycerine	V_TLV_ID	10 mg/m3	Indonesia. OELs (Minister of Manpower and Transmigration Regulation No.5 of 2018 concerning Work Safety and Health, Annex III), as amended (04 2018)
Glycerine - Respirable particles.	TWA	3 mg/m3	US. ACGIH Threshold Limit Values, as amended (01 2021)
Glycerine - Inhalable particles.	TWA	10 mg/m3	US. ACGIH Threshold Limit Values, as amended (01 2021)

<b>Appropriate Engineering Controls:</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.
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### Individual protection measures, such as personal protective equipment

<b>Eye/face protection:</b>	Safety goggles
<b>Hand Protection:</b>	Rubber gloves
<b>Other:</b>	Full-body suit
<b>Respiratory Protection:</b>	Use as appropriate to situation.
<b>Hygiene measures:</b>	No data available.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

**Physical state:** Liquid

**Form:** Liquid

**Color:** Colorless to light yellow, clear

**Odor:** Slight characteristic odor

**Odor Threshold:** No data available.

**Freezing point:** 16.3 °F/-8.7 °C

**Boiling Point:** No data available.

**Flammability:** No data available.

#### Upper/lower limit on flammability or explosive limits

**Explosive limit - upper:** No data available.

**Explosive limit - lower:** No data available.

**Flash Point:** 406 °F/208 °C (Cleveland open cup)

**Self Ignition Temperature:** No data available.

**Decomposition Temperature:** No data available.

**pH:** 10 (5% (Water/Methanol=1/1))

#### Viscosity

**Dynamic viscosity:** No data available.

**Kinematic viscosity:** No data available.

**Flow Time:** No data available.

#### Solubility(ies)

**Solubility in Water:** Emulsifiable in water.

**Solubility (other):** Soluble in various organic solvents

**Partition coefficient (n-octanol/water):** No data available.

**Vapor pressure:** No data available.

**Relative density:** No data available.

**Density:**  
0.952 g/ml (86 °F/30 °C)  
0.936 g/ml (127 °F/53 °C)  
0.926 g/ml (158 °F/70 °C)

**Relative vapor density:** No data available.

#### Particle characteristics

**Particle Size:** No data available.

**Particle Size Distribution:** No data available.

## 10. Stability and reactivity

**Reactivity:** No data available.

<b>Chemical Stability:</b>	Stable in general.
<b>Possibility of hazardous reactions:</b>	Reacts with acids. Has no self-reactivity.
<b>Conditions to avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	Carbon dioxide Nitrogen oxides

## 11. Toxicological information

### Acute toxicity (list all possible routes of exposure)

<b>Oral Product:</b>	LD 50 (Rat, Female, Male): > 2,000 mg/kg Not classified (Data on equivalent product) Not classified based on available data.
<b>Dermal Product:</b>	Classification not possible due to insufficient data.
<b>Inhalation Product:</b>	Dusts, mists and fumes: Classification not possible due to insufficient data. Vapour: No data available. Not classified based on available data of component(s).
<b>Skin Corrosion/Irritation Product:</b>	No data available.
<b>Components:</b> Fatty acids, C8-18, methylethanolamide	Category 1: (99)
<b>Serious Eye Damage/Eye Irritation Product:</b>	No data available.
<b>Components:</b> Fatty acids, C8-18, methylethanolamide	Category 1: (99)
<b>Respiratory or Skin Sensitization Product:</b>	Skin sensitization, GPMT Skin: (Guinea Pig): Negative (Data on equivalent product) Skin: Not classified based on available data. Respiratory: Classification not possible due to insufficient data.
<b>Carcinogenicity Product:</b>	Classification not possible due to insufficient data.
<b>IARC:</b>	No carcinogens present or none present in regulated quantities

### Germ Cell Mutagenicity

<b>In vitro</b> <b>Product:</b>	Ames test (TA98, TA100): Negative Ames test (TA98, TA100, TA1535, TA1537, WP2uvrA): Negative (Data on equivalent product) Chromosome Aberration test: Negative (Data on equivalent product) Classification not possible due to insufficient data.
<b>In vivo</b> <b>Product:</b>	Classification not possible due to insufficient data.
<b>Reproductive toxicity</b> <b>Product:</b>	Classification not possible due to insufficient data.
<b>Specific Target Organ Toxicity - Single Exposure</b> <b>Product:</b>	Classification not possible due to insufficient data.
<b>Specific Target Organ Toxicity - Repeated Exposure</b> <b>Product:</b>	Classification not possible due to insufficient data.
<b>Aspiration Hazard</b> <b>Product:</b>	Classification not possible due to insufficient data.
<b>Other effects:</b>	No data available.

### 12. Ecological information

#### Ecotoxicity:

##### Acute hazards to the aquatic environment:

<b>Fish</b> <b>Product:</b>	LC 50 (Red Killifish, 96 h): 3.3 mg/l (Data on similar product)
<b>Aquatic Invertebrates</b> <b>Product:</b>	EC 50 (Daphnia, 48 h): 0.29 mg/l (Data on similar product)
<b>Toxicity to Aquatic Plants</b> <b>Product:</b>	ErC50 (Alga, 72 h): 1.2 mg/l (Data on similar product)

##### Chronic hazards to the aquatic environment

<b>Fish</b> <b>Product:</b>	No data available.
<b>Aquatic Invertebrates</b> <b>Product:</b>	No data available.
<b>Toxicity to Aquatic Plants</b> <b>Product:</b>	No data available.

**Components:**  
Fatty acids, C8-18,  
methylethanolamide

**Persistence and Degradability****Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential****Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** No data available.

**13. Disposal considerations****Disposal methods:**

Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor. Incinerate with little portions. Risk of producing harmful gases such as carbon monoxide and nitrogen oxides.

**Contaminated Packaging:** No data available.

**14. Transport information****IMDG**

UN Number:

UN 1760

UN Proper Shipping Name:

CORROSIVE LIQUID, N.O.S.(Fatty acids, C8-18, methylethanolamide)

Transport Hazard Class(es)

8

Class:

8

Label(s):

F-A, S-B

EmS No.:

Packing Group:

III

Limited quantity

5.00L

Excepted quantity

E1

Environmentally Hazardous:

Yes

Marine Pollutant:

Yes

Special precautions for user:

Not Regulated

**IATA**

UN Number:	UN 1760
UN Proper Shipping Name:	Corrosive liquid, n.o.s.(Fatty acids, C8-18, methylethanolamide)
Transport Hazard Class(es):	
Class:	8
Label(s):	8
Packing Group:	III
Excepted quantity	E1
Environmentally Hazardous:	Yes
Marine Pollutant:	No
Special precautions for user:	Not Regulated
Other information	
Passenger and cargo aircraft:	Allowed. 852
Cargo aircraft only:	Allowed. 856

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations**

**Domestic Standard:** In compliance with domestic law.

**Emergency Response Guide Number:** 153

**15. Regulatory information****Federal regulations****Indonesia. Dangerous Substances that Must be Registered (Regulation of the Minister of Health of the Republic of Indonesia)**

Not Regulated

**Indonesia. Prohibited Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 1)**

Not Regulated

**Indonesia. Restricted Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 2)**

Not Regulated

**Indonesia. Precursor Chemicals (Ministry of Industry and Trade Decree No. 647/MPP/Kep/10/2004 concerning Regulation on Import of Precursors, Attachment 1)**

Not Regulated

**Indonesia. CWC (Law of RI No. 9 of 2008 re: Prohibition on the Use of Chemicals as Chemical Weapon)**

Not Regulated

**Indonesia. Ozone Depleting Substances (ODS) (Regulation of the Minister of Trade No. 83/M-DAG/PER/1/2012, Ann. I, II & III, as amended)**

Not Regulated

**Inventory Status:**

**US TSCA Inventory:** Not in compliance with the inventory

**Canada DSL Inventory List:** Not in compliance with the inventory

**Australia AICS:** Not in compliance with the inventory

<b>Korea Existing Chemicals Inv. (KECI):</b>	Not in compliance with the inventory
<b>Japan (ENCS) List:</b>	On or in compliance with the inventory
<b>Japan ISHL Listing:</b>	On or in compliance with the inventory
<b>Philippines PICCS:</b>	Not in compliance with the inventory
<b>China Inv. Existing Chemical Substances:</b>	On or in compliance with the inventory
<b>REACH (EU):</b>	Contact us for information
<b>Taiwan Chemical Substance Inventory:</b>	On or in compliance with the inventory

#### **16. Other information, including date of preparation or last revision**

**Issue Date:** 28.12.2022

**Version #:** 1.0

**Source of information:** No data available.

**Further Information:** No data available.

**Disclaimer:** To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist. In the case of the product for fragrance, it's in accordance with the latest standard of IFRA within ordinary use. Contact with the supplier for detail information.

**Reference:**

- (21): Estimation
- (99): Internal study data