

# SAFETY DATA SHEET

## [1.PRODUCT AND COMPANY IDENTIFICATION]

**PRODUCT NAME** : AMINON C-01S  
**SUPPLIER** : Kao Chemical Corporation Shanghai  
**ADDRESS** : No.1500, Bei Song Road, Minhang District, Shanghai 201111,P.R.China  
**DIVISION** :  
**TELEPHONE NUMBER** : 86-21-6409-2880  
**FAX NUMBER** : 86-21-6409-2881  
**E-MAIL ADDRESS** :  
**EMERGENCY TELEPHONE NUMBER** : 86-21-6409-2880  
**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** : Category 1  
**RESPIRATORY SENSITIZATION** : Classification not possible  
**SKIN SENSITIZATION** : Not classified  
**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** : Not classified  
**ASPIRATION HAZARD** : Classification not possible

### ENVIRONMENTAL HAZARDS

**HAZARDOUS TO THE AQUATIC ENVIRONMENT**

- **ACUTE HAZARD** : Category 2
- **LONG-TERM HAZARD** : Not classified
- **HAZARDOUS TO THE OZONE LAYER** : Classification not possible

### GHS LABEL ELEMENTS

#### PICTOGRAMS OR SYMBOLS



**SIGNAL WORD** : Danger  
**HAZARD STATEMENTS** : Causes serious eye damage  
 Toxic to aquatic life

### PRECAUTIONARY STATEMENTS

**PREVENTION** : Avoid release to the environment.  
 Wear eye protection/face protection.  
**RESPONSE** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

IF ON SKIN: Gently wash with plenty of water and soap.

STORAGE :  
DISPOSAL : Passed to a licensed waste contractor.  
SAFE HANDLING ADVICE : Refer to SDS.

[3.COMPOSITION / INFORMATION ON INGREDIENTS]

SUBSTANCE OR MIXTURE : Substance  
INGREDIENTS AND CONCENTRATION : Coconut fatty acid monoethanolamide  
RANGE  
CAS RN : 68140-00-1

[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. Immediately call a POISON CENTER or doctor.  
IN CASE OF INGESTION : Call a POISON CENTER or doctor if you feel unwell.

[5.FIRE-FIGHTING MEASURES]

EXTINGUISHING MEDIA : Water spray, powder  
NOT SUITABLE EXTINGUISHING MEDIA : No information available  
SPECIFIC HAZARDS : Produce irritating or toxic gases in a fire.  
SPECIFIC METHODS : 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.  
PROTECTION OF 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.ACIDENTAL 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 : Avoid release to the environment.  
METHODS FOR CLEANING UP : Sweep or vacuum spills 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.  
Avoid contact with eyes.  
SAFE HANDLING ADVICE : Use an adequate ventilation.  
Wash thoroughly after handling.  
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 goggles  
SKIN AND BODY PROTECTION : Full-body suit  
HYGIENE MEASURES : No information available

[9.PHYSICAL AND CHEMICAL PROPERTIES]

APPEARANCE

PHYSICAL STATE : Flakes  
COLOUR : Pale yellow  
ODOUR : Slightly characteristic odour  
pH : 8.7 - 10.7 (1% solution (MeOH/Water=1/1))

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

BOILING POINT : No information available  
MELTING POINT : 63.7 °C (146.7 °F)  
FLASH POINT : 189 °C (372.2 °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) : No information available  
SOLUBILITY  
WATER SOLUBILITY : Emulsifiable  
SOLVENT SOLUBILITY : Soluble in various organic solvents.  
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 : No information available  
OTHER DATA : No information available

[10.STABILITY AND REACTIVITY]

CHEMICAL STABILITY : No information available  
POSSIBILITY OF HAZARDOUS REACTIONS : Reacts with acids.  
No self-reactivity.

CONDITIONS TO AVOID : No information available  
INCOMPATIBLE MATERIALS : No information available  
HAZARDOUS DECOMPOSITION PRODUCTS : Carbon monooxide  
Nitrogen oxides  
OTHERS : No information available

**[11.TOXICOLOGICAL INFORMATION]****ACUTE TOXICITY**

Oral

INFORMATION ON PRODUCT : No information available

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.  
Incinerate with little portions.  
Risk of producing harmful gases such as carbon monoxide and nitrogen oxides.

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) 2-827
		TSCA(USA) Yes
		EINECS(EU) 268-770-2
		AICS(Australia) Yes
		DSL(Canada) Yes
		ECL(Korea) KE-01075
		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)
-----------	---	--

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.