

SAFETY DATA SHEET

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

Product name:
QUARTAMIN 86W

Product No.: B0002642

Recommended use of the chemical and restrictions on use

Recommended use: Not known.

Restrictions on use: Not known.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company Name: Kao Corporation
Address: 1-3,Bunka 2-chome,Sumida-ku,Tokyo 131-8501 Japan
Telephone: +81-3-5630-7700
Fax: +81-3-5630-7889
Contact division: Chemical Business
E-mail: chemical@kao.co.jp

Emergency telephone number: 81-3-5630-7700

2. Hazard(s) identification

GHS classification

Health Hazards

Acute toxicity (Dermal)	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1

Unknown toxicity - Health

Acute toxicity, inhalation, dust or mist	28 %
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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:

Harmful in contact with skin.
Causes skin irritation.
Causes serious eye damage.
Very toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention:

Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/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/doctor. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Call a POISON CENTER/doctor if you feel unwell. Collect spillage.

Storage:

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Disposal:

Passed to a licensed waste contractor.

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

3. Composition/information on ingredients

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
十八烷基三甲基氯化铵 Stearyltrimethylammonium chloride	-	112-03-8	28%

4. First-aid measures

Description of first aid measures

Inhalation:

Remove person to fresh air and keep comfortable for breathing.

Skin Contact:

If skin irritation occurs, get medical advice/attention. Flush skin with running water. Call a POISON CENTER/doctor if you feel unwell. Take off contaminated clothing and wash before re-use. Immediately call a POISON CENTER/doctor.

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:	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:	No data available.

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. Product itself is non-combustible. 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 phosgene. 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:	Risk of slipping. Spilled material forms slippery floor.
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

Technical measures: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Local/Total ventilation: Use an adequate ventilation.

Safe handling advice: Avoid contact with eyes. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required.

Contact avoidance measures: No data available.

Storage

Safe storage conditions: Keep container tightly closed. Store in a well-ventilated place.

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Product: None of the components have assigned exposure limits.

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

Individual protection measures, such as personal protective equipment

Eye/face protection: Safety goggles

Hand Protection: Material: Rubber gloves

Skin and Body Protection: Full-body suit

Respiratory Protection: Use as appropriate to situation.

Hygiene measures: No data available.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Product name:
 QUARTAMIN 86W

Form:	Liquid
Color:	Pale yellow, clear
Odor:	Slight characteristic odor
Odor Threshold:	No data available.
Freezing point:	23 °F/-5 °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:	Not detected
Self Ignition Temperature:	No data available.
Decomposition Temperature:	No data available.
pH:	5 - 7 (10% solution)
Viscosity	
Dynamic viscosity:	9.5 mPa.s (104 °F/40 °C) 9 mPa.s (122 °F/50 °C) 8.5 mPa.s (140 °F/60 °C)
Kinematic viscosity:	No data available.
Flow Time:	No data available.
Solubility(ies)	
Solubility in Water:	Very Soluble
Solubility (other):	Soluble in ethanol and methanol Soluble in isopropyl alcohol
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.
Relative density:	No data available.
Density:	0.964 g/ml (104 °F/40 °C) 0.958 g/ml (122 °F/50 °C) 0.952 g/ml (140 °F/60 °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.
Chemical Stability:	Stable in general.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	No data available.

Product name:
 QUARTAMIN 86W

Incompatible Materials: No data available.

Hazardous Decomposition Products: No data available.

11. Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral Product: LD 50 (Rat): > 2,000 mg/kg Not classified
 Not classified based on available data.

Dermal Product: ATEmix 1,532.14 mg/kg

Inhalation Product: Dusts, mists and fumes: Classification not possible due to insufficient data.
 Vapour: No data available.
 Not classified based on available data of component(s).

Skin Corrosion/Irritation Product: OECD TG404 Rabbit, 4 h: Irritating undiluted

Serious Eye Damage/Eye Irritation Product: OECD TG405, Rabbit, Severe, undiluted

Respiratory or Skin Sensitization Product: Skin sensitization, GPMT Skin: (Guinea Pig): Negative
 Skin: Not classified based on available data.
 Respiratory: Classification not possible due to insufficient data.

Carcinogenicity Product: Classification not possible due to insufficient data.

Germ Cell Mutagenicity

In vitro Product: Ames test (TA98, TA100, TA1535, TA1537, TA1538) (OECD TG471):
 Negative
 No data available.
 Not classified based on available data of component(s).

In vivo Product: No data available.
 Not classified based on available data of component(s).

Reproductive toxicity Product: No data available.
 Not classified based on available data of component(s).

Specific Target Organ Toxicity - Single Exposure Product: Classification not possible due to insufficient data.

Specific Target Organ Toxicity - Repeated Exposure Product: Classification not possible due to insufficient data.

Product name:
 QUARTAMIN 86W

Aspiration Hazard

Product: Classification not possible due to insufficient data.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: LC 50 (Rainbow Trout, 96 h): 0.25 mg/l

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:

十八烷基三甲基氯化铵 Category 1: (88)
 Stearyltrimethylammonium
 chloride

Chronic hazards to the aquatic environment

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:

十八烷基三甲基氯化铵 Category 1: (88)
 Stearyltrimethylammonium
 chloride

Persistence and Degradability

Biodegradation

Product: 0 % (28 d, CO2 Evolution test)

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.

Product name:
 QUARTAMIN 86W

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 phosgene.

Contaminated Packaging: No data available.

14. Transport information

IATA

UN Number:	UN 3082
UN Proper Shipping Name:	Environmentally hazardous substance, liquid, n.o.s.(Stearyltrimethylammonium chloride)
Transport Hazard Class(es)	
Class:	9
Label(s):	9MI (Miscellaneous)
Packing Group:	III
Passenger and cargo aircraft :	964
Limited quantity	None.
Excepted quantity	E1
Environmental Hazards	
Environmentally Hazardous:	Yes
Marine Pollutant:	No
Special precautions for user:	None.
Passenger and cargo aircraft:	Allowed. 964
Cargo aircraft only :	Allowed. 964

IMDG

UN Number:	UN 3082
UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Stearyltrimethylammonium chloride)
Transport Hazard Class(es)	
Class:	9
Label(s):	9
EmS No.:	F-A, S-F
Packing Group:	III
Limited quantity	5.00L
Excepted quantity	E1
Environmental Hazards	
Environmentally Hazardous:	Yes
Marine Pollutant:	Yes
Special precautions for user:	None.

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.

Product name:
 QUARTAMIN 86W

Emergency Response Guide Number: 171

15. Regulatory information

National regulatory information:

Taiwan. Toxic Chemical Substances (TCS) and Concerned Chemicals (Categories and Management of Handling for Toxic Chemical Substances), as amended
 : Not Regulated

Inventory Status:

US TSCA Inventory:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
Australia AICS:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	Contact us for information
Japan (ENCS) List:	On or in compliance with the inventory
Japan ISHL Listing:	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
REACH (EU):	Contact us for information
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

16. Other Information

Issue Date: 2020.10.09

Version #: 2.0

Organization that prepared the SDS and SDS Author:

SDS Author: Kao (Taiwan) Corporation
 10 F., No. 207, Sec 3, Pei-Hsin Rd., Hsin-Tien District, New Taipei City
 23143, Taiwan R.O.C.
 Chin chang, Wen (Director) TEL: 886-2-8665-1930

Further Information: No data available.

References: No data available.

Revision Information Not relevant.

Product name:
QUARTAMIN 86W

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:

(88): ECHA-REACH Registered Substances Database