

SAFETY DATA SHEET

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

GHS Product identifier: LEVENOL RC-A

Other means of identification

SDS number: B0007240

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

Physical Hazards

Corrosive to metal Category 1

Health Hazards

Acute toxicity (Oral) Category 4

Skin Corrosion/Irritation Category 1

Serious Eye Damage/Eye Irritation Category 1

Unknown toxicity - Health

Acute toxicity, dermal 49 %

Acute toxicity, inhalation, dust or mist 49 %

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:

May be corrosive to metals.
Harmful if swallowed.
Causes severe skin burns and eye damage.
Very toxic to aquatic life with long lasting effects.

Precautionary Statements**Prevention:**

Keep only in original packaging. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. 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. 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]. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Collect spillage.

Storage:

Store in corrosive resistant/container with a resistant inner liner. 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**Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Coco alkylidimethylbenzyl ammonium chlorides	-	61789-71-7	

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. Call a POISON CENTER/doctor if you feel unwell. 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.
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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:	No data available.
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:	Iron is apt to rust. Plant equipment should be treated with rust-resist. 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 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. Do not eat, drink or smoke when using the product.
Contact avoidance measures:	No data available.

Storage

Safe storage conditions:	Keep container tightly closed. Store in a well-ventilated place. Store in corrosive resistant container with a resistant inner liner. Store locked up.
Safe packaging materials:	No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

Appropriate Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation. Iron is apt to rust. Plant equipment should be treated with rust-resist. Iron is apt to rust. Plant equipment should be treated with rust-resist. 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 or Face shield
Hand Protection:	Rubber gloves
Other:	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
Form:	Liquid
Color:	Colorless
Odor:	Slight characteristic odor
Odor Threshold:	No data available.
Freezing point:	-3 °C/27 °F
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:	No data available.
Auto-ignition temperature:	No data available.
Decomposition Temperature:	No data available.
pH:	7 Method: 5% aqueous solution

Viscosity

Dynamic viscosity:	No data available.
Kinematic viscosity:	No data available.
Flow Time:	No data available.

Solubility(ies)

Solubility in Water:	Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.
Relative density:	No data available.
Density:	0.980 g/ml (25 °C/77 °F)
Relative vapor density:	No data available.

Particle characteristics

Particle Size:	No data available.
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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.

Incompatible Materials: No data available.

Hazardous Decomposition Products: No data available.

11. Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral Product: ATEmix: 816 mg/kg

Dermal Product: Classification not possible due to insufficient data.

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

Skin Corrosion/Irritation Product: No data available.

Components:
Coco alkyltrimethylbenzyl ammonium chlorides Category 1: (92)

Serious Eye Damage/Eye Irritation Product: No data available.

Components:
Coco alkyltrimethylbenzyl ammonium chlorides Category 1: (21)

Respiratory or Skin Sensitization Product: Skin: No data available.
Not classified based on available data of component(s).
Respiratory: Classification not possible due to insufficient data.

Carcinogenicity Product: Classification not possible due to insufficient data.

IARC:

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity

In vitro Product: Classification not possible due to insufficient data.

In vivo Product: Classification not possible due to insufficient data.

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.

Aspiration Hazard

Product: Classification not possible due to insufficient data.

Other effects:

No data available.

12. Ecological information**Ecotoxicity:****Toxicity to Aquatic Plants**

Product: No data available.

Acute hazards to the aquatic environment:**Fish**

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Components:

Coco alkyldimethylbenzyl ammonium chlorides Category 1: (89)

Chronic hazards to the aquatic environment:**Fish**

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Components:

Coco alkyldimethylbenzyl ammonium chlorides Category 1: (89)

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 phosgene.

Contaminated Packaging: No data available.

14. Transport information**IMDG**

UN Number:

UN 1760

UN Proper Shipping Name:

CORROSIVE LIQUID, N.O.S.(Coco alkyldimethylbenzyl ammonium chlorides)

Transport Hazard Class(es)

Class: 8

Label(s): 8

EmS No.: F-A, S-B

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.(Coco alkylidimethylbenzyl ammonium chlorides)
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: 154

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 Trade Regulation No. 20 of 2021 on Import Policies and Arrangements, Appendix 1), as amended

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:

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, including date of preparation or last revision

Issue Date:	16.09.2021
Revision Date:	09.08.2024
Version #:	2.0
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
- (89): CESIO_Environmental-Classification-of-Surfactant-according-to-2nd- ATP
- (92): CESIO Human Health classification according to 2nd ATP