

Product name:
 CLEANTHROUGH LC-895

CHEMICAL PRODUCT SAFETY DATA SHEET

Prepared in accordance with GB/T 16483 and GB/T 17519.

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

Product name:
 CLEANTHROUGH LC-895

Product No.: A0000104

Recommended use and restriction on use

Recommended use: Applied hydrophilic washing agent
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

Emergency Overview: Colorless to light yellow, clear Liquid. Odor: Slightly solvent-like odour. Hazard statements: May be harmful in contact with skin. Causes mild skin irritation. Causes serious eye damage. May damage fertility or the unborn child. May be fatal if swallowed and enters airways. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. Notes to physician: Get medical attention if symptoms occur.

GHS classification

Health Hazards

Acute toxicity (Dermal)	Category 5
Skin Corrosion/Irritation	Category 3
Serious Eye Damage/Eye Irritation	Category 1
Toxic to reproduction	Category 1B
Aspiration Hazard	Category 1

Unknown toxicity - Health

Acute toxicity, inhalation, vapor	4.5 %
Acute toxicity, inhalation, dust or mist	88 %

Environmental Hazards

Acute hazards to the aquatic environment	Category 1
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3. Composition/information on ingredients

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Glycol ether	-	Trade Secret	
Olefinic hydrocarbon	-	Trade Secret	
Alkyl carbitol	-	Trade Secret	
Alkyl Pyrrolidone	-	Trade Secret	

Trade secret information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

Inhalation:	Remove person to fresh air and keep comfortable for breathing.
Skin Contact:	Gently wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing.
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:	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.

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Special hazards arising from the substance or mixture: No data available.

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.

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.

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.

Prevention of secondary hazards: No data available.

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. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using the product. Though this material is not dangerous in case of usual handling, the residue may be combustible, if the water component dries out.

Contact avoidance measures: No data available.

Storage

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

Safe packaging materials: No data available.

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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.

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 chemical cartridge respirator for organic solvents.
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 to light yellow, clear
Odor:	Slightly solvent-like odour
Odor Threshold:	No data available.
Freezing point:	< 20 °C/68 °F
Boiling Point:	> 40 °C/104 °F
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
Auto-ignition temperature:	> 100 °C/212 °F
Decomposition Temperature:	No data available.
pH:	7.8(Undiluted solution)

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Viscosity

Dynamic viscosity: 5.9 mPa.s at 25 °C/77 °F
 3.9 mPa.s at 40 °C/104 °F
 2.4 mPa.s at 60 °C/140 °F

Kinematic viscosity: No data available.

Flow Time: No data available.

Solubility(ies)

Solubility in Water: Emulsifiable in water.

Solubility (other): Soluble in polar solvents (such as methanol)

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

Vapor pressure: No data available.

Relative density: No data available.

Density: 0.89 g/ml at 25 °C/77 °F
 0.88 g/ml at 40 °C/104 °F
 0.86 g/ml at 60 °C/140 °F

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.

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: 5,272 mg/kg

Dermal Product: ATEmix 2,211 mg/kg

Inhalation Product: Dust and mist: Classification not possible due to insufficient data.

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Vapour: Classification not possible due to insufficient data.

Skin Corrosion/Irritation

Product: No data available.

Components:

Alkyl Pyrrolidone Category 2: (87)

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:

Glycol ether Category 1: (87)
 Alkyl carbitol Category 2A: (88)
 Alkyl Pyrrolidone Category 2: (87)

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.

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.

Components:

Alkyl Pyrrolidone Category 1B: (87)

Specific Target Organ Toxicity - Single Exposure

Product: Classification not possible due to insufficient data.

Components:

Alkyl Pyrrolidone Category 3: respiratory tract irritant: (87)

Specific Target Organ Toxicity - Repeated Exposure

Product: Classification not possible due to insufficient data.

Aspiration Hazard

Product: No data available.

Components:

Olefinic hydrocarbon Category 1: (88)

Other effects:

No data available.

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12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish
Product: No data available.

Aquatic Invertebrates
Product: No data available.

Toxicity to Aquatic Plants
Product: No data available.

Chronic hazards to the aquatic environment

Fish
Product: No data available.

Aquatic Invertebrates
Product: No data available.

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.

Contaminated Packaging: No data available.

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14. Transport information

IMDG

UN Number:	UN 3082
UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Olefinic hydrocarbon)
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
Environmentally Hazardous:	Yes
Marine Pollutant:	Yes
Special precautions for user:	Not Regulated.

IATA

UN Number:	UN 3082
UN Proper Shipping Name:	Environmentally hazardous substance, liquid, n.o.s. (Olefinic hydrocarbon)
Transport Hazard Class(es):	
Class:	9
Label(s):	9MI (Miscellaneous)
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. 964
Cargo aircraft only:	Allowed. 964

UN Proper Shipping Name (CN): 对环境有害的物质， 液体的， 未另作规定的 (Olefinic hydrocarbon)

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: 171

15. National and international regulatory information

Should comply with local regulations in respect of this product.

China. Catalog of Hazardous Chemicals

Not Regulated

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China. Precursor Chemicals (Decree No. 445 of the PRC on Regulation for Administration of Precursor Chemicals, Appendix: Categories 1-3)
 Not Regulated

China: CWC. Controlled Chemicals List (Regulations on the Administration of Controlled Chemicals, Decree No. 190, Dec. 27, 1995, as amended)
 Not Regulated

China. Explosive Precursor Hazardous Chemicals (Ministry of Public Safety, 2011 version)
 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

Version #:	2.0
Revision Date:	18.10.2023
Issue Date:	16.10.2023
Further Information:	No data available.
Revision Information	Not relevant.
Training information	No data available.

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Disclaimer:

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Reference:

- (87): EU CLP Regulation Annex VI
- (88): ECHA-REACH Registered Substances Database