

SAFETY DATA SHEETS

According to the UN GHS revision 10

Version: 1.0
Creation Date: Dec. 20, 2024
Revision Date: Dec. 20, 2024

1. Identification

1.1 GHS Product identifier

Product name Resoft 80

1.2 Other means of identification

Product number -

Other names -

1.3 Recommended use of the chemical and restrictions on use

Identified uses Conditioner

Uses advised against no data available

1.4 Supplier's details

Company Guangzhou Reachin Chemical Co., Ltd.

Address Unit 601, Building 16, Kingfa Sci. & Tech. Innovation Industrial Park, No. 39 Kefeng Road, Huangpu District, Guangzhou, China

Telephone +86-20-37087379

1.5 Emergency phone number

Emergency phone number +86-20-37087379

Service hours Monday to Friday, 9am-5pm (Standard time zone: UTC/GMT +8 hours).

2. Hazard identification

2.1 Classification of the substance or mixture

Skin sensitization, Category 1

2.2 GHS label elements, including precautionary statements

Hazard pictogram(s)



Signal word Warning

Hazard statement(s) H317 May cause an allergic skin reaction

Precautionary statement(s)

Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

Response

P302+P352 IF ON SKIN: Wash with plenty of water/...
P333+P317 If skin irritation or rash occurs: Get medical help.
P321 Specific treatment (see ... on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.

Storage

none

Disposal

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.3 Other hazards which do not result in classification

no data available

3. Composition/information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Chemical name	Common names and synonyms	CAS number	EC number	% [weight]
Siloxanes and Silicones, di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts)Siloxanes and silicones, di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts)Siloxanes and silicones, di-Me, 3-{3-[(3-Cocoamidopropyl) - dimethylammonia]-2-hydroxy-propoxy}propyl group terminated, acetates (salts)	Quaternium-80	134737-05-6	-	45-55
Propane-1,3-diol	Propanediol	504-63-2	207-997-3	45-55

4. First-aid measures

4.1 Description of necessary first-aid measures

Following inhalation

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

4.2 Most important symptoms/effects, acute and delayed

no data available

4.3 Indication of immediate medical attention and special treatment needed, if necessary

no data available

5. Fire-fighting measures

5.1 Suitable extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam.

5.2 Specific hazards arising from the chemical

Hazardous combustion products

no data available

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. Handling and storage

7.1 Precautions for safe handling

Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2 Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

8. Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure limit values

no data available

Biological limit values

no data available

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards

no data available

9. Physical and chemical properties

Physical state	Liquid.
Colour	Yellow to brownish yellow
Odour	Amine-like odor
Melting point/freezing point	pure CAS 504-63-2: -24.6 °C.
Boiling point or initial boiling point and boiling range	pure CAS 504-63-2: 208.9 °C. Atm. press.:742.5 mm Hg.
Flammability	no data available
Lower and upper explosion limit/flammability limit	no data available
Flash point	pure CAS 504-63-2: > 99 °C. Atm. press.:755.4 mm Hg.
Auto-ignition temperature	pure CAS 504-63-2: 342 °C. Atm. press.:766 mm Hg.
Decomposition temperature	no data available
pH	6.0-8.0
Kinematic viscosity	pure CAS 504-63-2: kinematic viscosity (in mm ² /s) = 44.923. Temperature:24.0°C.
Solubility	pure CAS 504-63-2: In water, 1.0X10+6 mg/L at 25 deg C (est)
Partition coefficient n-octanol/water	pure CAS 504-63-2: log Pow = -0.71. Temperature:21 °C.
Vapour pressure	pure CAS 504-63-2: 3.91 Pa. Temperature:25 °C. Remarks:Temperature is assumed to be 25°C, 2.92 E-2 mmHg.
Density and/or relative density	pure CAS 504-63-2: 1.05. Temperature:25 °C.
Relative vapour density	no data available
Particle characteristics	no data available
Specific gravity	0.998-1.050

10. Stability and reactivity

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no data available

11. Toxicological information

Acute toxicity

- Oral: pure CAS 504-63-2: LD50 - rat (male/female) - ca. 14.9 mL/kg bw.
- Inhalation: pure CAS 504-63-2: ALC - rat (male) - > 5 mg/L air (analytical).
- Dermal: pure CAS 504-63-2: LD50 - rat - > 4 200 mg/kg bw.

Skin corrosion/irritation

no data available

Serious eye damage/irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

STOT-single exposure

no data available

STOT-repeated exposure

no data available

Aspiration hazard

no data available

12. Ecological information

12.1 Toxicity

- Toxicity to fish: pure CAS 504-63-2: LC50 - Pimephales promelas - > 9 720 mg/L - 96 h.
- Toxicity to daphnia and other aquatic invertebrates: pure CAS 504-63-2: EC50 - Daphnia magna - 7 417 mg/L - 48 h.
- Toxicity to algae: pure CAS 504-63-2: EC50 - Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) - 1 600 mg/L - 72 h.
- Toxicity to microorganisms: pure CAS 504-63-2: EC50 - Pseudomonas putida - 11 g/L - 16 h.

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Other adverse effects

no data available

13. Disposal considerations

13.1 Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. Transport information

14.1 UN number

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.2 UN proper shipping name

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.3 Transport hazard class(es)

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.4 Packing group, if applicable

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.5 Environmental hazards

ADR/RID: No

IMDG: No

IATA: No

14.6 Special precautions for user

no data available

14.7 Transport in bulk according to IMO instruments

no data available

15. Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

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Siloxanes and Silicones, di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts)Siloxanes and silicones, di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts)Siloxanes and silicones, di-Me, 3-{3-[(3-Cocoamidopropyl) -dimethylammonia]-2-hydroxy-propoxy}propyl group terminated, acetates (salts)	Quaternium-80	134737-05-6	-
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
EC Inventory			Not Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Not Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Propane-1,3-diol	Propanediol	504-63-2	207-997-3
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Listed.

16. Other information

Information on revision

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Abbreviations and acronyms

- CAS: Chemical Abstracts Service
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
- IMDG: International Maritime Dangerous Goods
- IATA: International Air Transportation Association
- TWA: Time Weighted Average
- STEL: Short term exposure limit
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- EC50: Effective Concentration 50%

References

- IPCS - The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>
- HSDB - Hazardous Substances Data Bank, website: <https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>
- IARC - International Agency for Research on Cancer, website: <http://www.iarc.fr/>
- eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
- CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>
- ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>
- ERG - Emergency Response Guidebook by U.S. Department of Transportation, website: <http://www.phmsa.dot.gov/hazmat/library/erg>
- Germany GESTIS-database on hazard substance, website: <http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp>
- ECHA - European Chemicals Agency, website: <https://echa.europa.eu/>

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.