

MATERIAL SAFETY DATA SHEET

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

Product Name: AC2000

Chemical Name: C8-14 Alkyl Polyglucoside

INCI Name: Decyl Glucoside

Company Identification: SOHO ANECO chemicals, co. limited

No.48 Ruanjian Avenue, Nanjing 210012, China.

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Emergency Number: +86-25-6606-0698

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical Name	CAS#	Solid content %
Decyl Glucoside /C8-14 fatty alcohol glycoside	68515-73-1 & 110615-47-9	50.0 Min

**** SECTION 3 - HAZARDS IDENTIFICATION ****

Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP):

Eye Dam. 1; H318 Causes serious eye damage.

Skin Irrit. 2; H315 Causes skin irritation.

Classification according to Directive 67/548/EEC or 1999/45/EC

Xi; R41 Risk of serious damage to eyes.

Xi; R38 Irritating to skin.

Label elements

Labelling (CLP)



Signal word	Danger	
Hazard statements	H315	Causes skin irritation.
	H318	Causes serious eye damage.
Safety precautions	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P302+P352	IF ON SKIN: Wash with plenty of soap and water.
	P332+P313	If skin irritation occurs: Get medical advice/attention.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

Labelling (67/548/EEC or 1999/45/EC)



Xi

irritant

R phrase(s):

R 38

Irritating to skin.

R 41

Risk of serious damage to eyes.

S phrase(s):

S 24/25

Avoid contact with skin and eyes.

S 26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39

Wear suitable gloves and eye/face protection.

Other hazards

Special danger of slipping by leaking/spilling product.

**** SECTION 4 - FIRST AID MEASURES ****

Description of first aid measures

After inhalation: Provide fresh air. Seek medical treatment in case of troubles.

In case of skin contact: Remove residues with soap and water. Change contaminated clothing. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After swallowing: Rinse mouth and drink large quantities of water. Seek medical attention.

Most important symptoms and effects, both acute and delayed

After contact with skin: Irritant.

After eye contact: Causes serious eye damage..

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Extinguishing media

Suitable extinguishing media:

Water fog, foam, extinguishing powder, carbon dioxide.

Special hazards arising from the substance or mixture

In case of fire may be liberated: carbon monoxide and carbon dioxide

Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained breathing apparatus. Wear suitable protective clothing.

Additional information: Hazchem-Code: -

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

****** SECTION 6 - ACCIDENTAL RELEASE MEASURES ******

Personal precautions, protective equipment and emergency procedures

Avoid contact with the substance. Provide adequate ventilation. Wear personal protection equipment.

Environmental precautions

Do not allow to enter into ground-water, surface water or drains.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed containers for disposal.

Additional information: Special danger of slipping by leaking/spilling product.

Reference to other sections

Refer additionally to chapter 8 and 13.

****** SECTION 7 - HANDLING and STORAGE ******

Precautions for safe handling

Advices on safe handling Avoid contact with eyes. Provide adequate ventilation, and local exhaust as needed.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed in a dry and well-ventilated place.

Storage class: 10 Combustible liquids, unless storage class 3

Specific end use(s)

Raw material for the chemical and pharmaceutical industry

****** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ******

Control parameters

Additional information: Contains no substances with occupational exposure limit values.

Exposure controls

When vapours form: Withdraw by suction.

Occupational exposure controls

Respiratory protection: Respiratory protection in case of aerosol or vapour formation

Use filter type A (= against vapours of organic substances) according to EN 14387.

Hand protection: Protective gloves according to EN 374. Glove material: Nitrile rubber.

Breakthrough time: >480 min.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:

Avoid contact with skin and eyes. Change contaminated clothing. When using do not eat, drink or smoke.

Wash hands before breaks and after work.

Have eye wash bottle or eye rinse ready at work place.

****** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ******

Physical state: Yellowish slightly cloudy liquid

Odor: Characteristic

Flash point / flash point range: approx. 215 °C

Flammability: This product is non-flammable.

Density: at 20 °C: 1.16-1.18 g/mL

pH value: 11.5~12.5

Partition coefficient n-octanol/water: at 40 °C: 1.72 log P(o/w)

Bio-accumulation is not to be expected (log P(o/w) <1).

Viscosity, dynamic: 1000-6000 mPa.s

Other information

No data available

****** SECTION 10 - STABILITY AND REACTIVITY ******

Chemical stability

Product is stable under normal storage conditions.

Possibility of hazardous reactions

No dangerous reactions are known.

Conditions to avoid

No data available

Incompatible materials

None known

Hazardous decomposition products

In case of fire may be liberated: carbon monoxide and carbon dioxide

****** SECTION 11 - TOXICOLOGICAL INFORMATION ******

Acute toxicity:

LD50 Rat, oral: (CAS No. 110615-47-9): > 5000 mg/kg

LD50 Rat, oral: (CAS No. 68515-73-1) > 2000 mg/kg

Toxicological effects

Acute toxicity (oral): Lack of data. Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Skin Irrit. 2; H315 = Causes skin irritation.

Eye damage/irritation: Eye Dam. 1; H318 = Causes serious eye damage. Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data. Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data. Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data. Specific target organ toxicity (repeated exposure): Lack of data. Aspiration hazard: Lack of data.

Other information: CAS No. 110615-47-9, 68515-73-1: Sensitisation: Not known to cause sensitization

Symptoms

After contact with skin: Irritant.

After eye contact: Causes serious eye damage.

**** **SECTION 12 - ECOLOGICAL INFORMATION** ****

Toxicity

Aquatic toxicity:

CAS No. 110615-47-9:

Fish toxicity: LC50 *Leuciscus idus*: 100 - 500 mg/L/96 h.

CAS No. 68515-73-1:

Acute fish toxicity:

LC50: 126 mg/L/96 h. Longterm fish toxicity:

LC50 *Brachydanio rerio* (zebra-fish): 3,2 mg/L/28d. *Daphnia* toxicity:

EC50 *Daphnia magna* (Big water flea): > 100 mg/L/48 h(OECD 202)

Bacterial toxicity: *Pseudomonas putida* EC50: >560 mg/L/6 h

Water Hazard Class: 1 = slightly hazardous to water

Persistence and degradability

Further details: Biodegradability in Water: >99,4%/ 28d (aerobic)

Bioaccumulative potential

Partition coefficient n-octanol/water:

at 40 °C: 1.72 log P(o/w)

Bio-accumulation is not to be expected (log P(o/w) <1).

Mobility in soil

No data available

Results of PBT and vPvB assessment

No data available

Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

**** **SECTION 13 - DISPOSAL CONSIDERATIONS** ****

Avoid disposing to drainage systems and into the environment. Seek expert advice.

**** SECTION 14 - TRANSPORT INFORMATION ****

UN number

Not applicable

UN proper shipping name

ADR/RID, IMDG, IATA: Not restricted

Transport hazard class(es)

Not applicable

Packing group

Not applicable

Environmental hazards

Marine pollutant - IMDG: No

Special precautions for user

No dangerous good in sense of these transport regulations.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

**** SECTION 15 - REGULATORY INFORMATION ****

Cosmetics Directive 7th Amendment: Not restricted

**** SECTION 16 - ADDITIONAL INFORMATION ****

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