

SAFETY DATA SHEET

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

GHS Product identifier: PEARL CONC.

Other means of identification

SDS number: A0002888

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

Health Hazards

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1
Carcinogenicity	Category 2

Unknown toxicity - Health

Acute toxicity, inhalation, dust or mist	35.86 %
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Label Elements

Pictograms:



Signal Word:

Danger

Hazard Statement:

Causes skin irritation.
Causes serious eye damage.
Suspected of causing cancer.

Precautionary Statements**Prevention:**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. 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 or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF exposed or concerned: Get medical advice/attention.

Storage:

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 (%)
Alkyl diethanolamide	-	Trade Secret	
Sodium polyoxyethylene alkyl ethers sulfates	-	Trade Secret	
Diethanolamine	-	111-42-2	0.1 - 1.0%

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. 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: Get medical attention if symptoms occur.

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.

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 nitrogen oxides. 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: Do not discharge into the drains, surface waters or ground water directly.

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. Store locked up.

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values		Source
Glycerine	V TLV ID		10 mg/m3	ID OEL (04 2018)
Diethanolamine	V TLV ID	1 ppm		ID OEL (04 2018)
Glycerine - Respirable particles.	TWA		3 mg/m3	ACGIH (01 2021)
Glycerine - Inhalable particles.	TWA		10 mg/m3	ACGIH (01 2021)
Diethanolamine - Inhalable fraction and vapor.	TWA		1 mg/m3	ACGIH (2009)

Appropriate Engineering Controls:

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

Odor: Slight characteristic odor

Odor Threshold: No data available.

Freezing point: 5 - 10 °C/41 - 50 °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:	9 - 10 Method: 5% aqueous solution
Viscosity	
Dynamic viscosity:	2,800 mPa.s at 30 °C/86 °F
Kinematic viscosity:	No data available.
Flow Time:	No data available.
Solubility(ies)	
Solubility in Water:	Emulsifiable in water.
Solubility (other):	Soluble in ethanol and methanol Poorly soluble in chloroform
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.
Relative density:	No data available.
Density:	1.015 g/ml at 30 °C/86 °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: No data available.
Not classified based on available data of component(s).

Components:

Diethanolamine Category 4: (87)

Dermal

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

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:

Alkyl diethanolamide Category 2: (99)

Sodium polyoxyethylene Category 2: (98)

alkyl ethers sulfates

Diethanolamine Category 2: (87)

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:

Alkyl diethanolamide Category 1: (99)

Sodium polyoxyethylene Category 1: (98)

alkyl ethers sulfates

Diethanolamine Category 1: (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: No data available.

Components:

Alkyl diethanolamide Category 2: (52)

Diethanolamine Category 2: (52)

IARC:

Alkyl diethanolamide Group 2B. Possibly carcinogenic to humans.

Diethanolamine Group 2B. Possibly carcinogenic to humans.

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:** Classification not possible due to insufficient data.**Components:**

Diethanolamine Category 2: (88)

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.**Components:**

Diethanolamine Category 2: Liver, Blood, Kidney, Nervous system: (88)

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:** 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:** Classification not possible due to insufficient data.**Aquatic Invertebrates****Product:** Classification not possible due to insufficient data.**Components:**

Sodium polyoxyethylene Category 3: (98)

alkyl ethers sulfates

Diethanolamine Category 3: (88)

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 nitrogen oxides.

Contaminated Packaging: No data available.

14. Transport information

IMDG

Not Regulated.

IATA

Not Regulated.

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.

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: 09.10.2023

Version #: 1.0

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:

- (52): IARC Monographs
- (87): EU CLP Regulation Annex VI
- (88): ECHA-REACH Registered Substances Database
- (98): CESIO RECOMMENDATIONS for the harmonized classification and labelling of surfactants (May 2021)
- (99): Internal study data