

SAFETY DATA SHEET

1. Identification of the hazardous chemical and of the supplier

Product identifier: KALCOL 2098

Other means of identification

Product No.: B0002246

Recommended use of the chemical and restrictions on use

Recommended use: Not available.
Recommended restrictions: Not known.

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name:	Pilipinas Kao Inc.
Address:	JASAAN MISAMIS ORIENTAL ECOZONE, 9003 Jasaan, Misamis Oriental, Philippines
Telephone:	+63-88-890-5020
Fax:	+63-88-890-5020 local 199
Contact division:	-
E-mail:	-

Emergency telephone number: +65-3158 1074(For chemical emergencies only)

2. Hazard(s) identification

Hazard Classification

Health Hazards

Serious Eye Damage/Eye Irritation	Category 2
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Unknown toxicity - Health

Acute toxicity, inhalation, dust or mist	100 %
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Environmental Hazards

Acute hazards to the aquatic environment	Category 1
Chronic hazards to the aquatic environment	Category 2

Unknown toxicity - Environment

Acute hazards to the aquatic environment	0 %
Chronic hazards to the aquatic environment	0 %

GHS label elements

Hazard Symbol:



Signal Word: Warning

Hazard Statement: Causes serious eye irritation.
 Very toxic to aquatic life.
 Toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention: Wash thoroughly after handling. Avoid release to the environment. Wear 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. If eye irritation persists: Get medical advice/attention. Collect spillage.

Storage: -

Disposal: Passed to a licensed waste contractor.

Other hazards which do not result in GHS classification: None.

3. Composition/information on ingredients

Substances

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Lauryl alcohol	-	112-53-8	100%

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.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms persist.

Ingestion: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

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, carbon dioxide, sand

Unsuitable extinguishing media: No data available.

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.

Accidental release measures: Keep away from sources of ignition and prepare extinguishing media.

Methods and material for containment and cleaning up: Cool down to solid in case of melt (be careful of heat), and then sweep or vacuum spilled materials to drums or containers.

Environmental Precautions: Avoid release to the environment.

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:	Keep away from source of ignition. 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. Keep away from source of ignition.
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.

Individual protection measures, such as personal protective equipment

General information:	No data available.
Eye/face protection:	Safety glasses
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
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Information on basic physical and chemical properties

Appearance

Physical state:	Solid
Form:	Solid(liquid in summer(over 20C))
Color:	White
Odor:	Slight characteristic odor
Odor Threshold:	No data available.
Melting Point:	23.5 - 26.5 °C/74.3 - 79.7 °F
Boiling Point:	264 °C/507 °F

Flammability:	No data available.
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	2.6 %(V)
Explosive limit - lower:	0.3 %(V)
Flash Point:	136 °C/277 °F Method: Cleveland open cup
Auto-ignition temperature:	>100 °C/212 °F
Decomposition Temperature:	No data available.
pH:	Not applicable
Viscosity	
Dynamic viscosity:	10 mPa.s (37 °C/99 °F)
Kinematic viscosity:	No data available.
Flow Time:	No data available.
Solubility(ies)	
Solubility in Water:	Insoluble in water
Solubility (other):	Soluble in common organic solvents
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.
Relative density:	No data available.
Density:	0.826 g/ml (30 °C/86 °F)
Vapor density (air=1):	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: LD 50 (Rat, Female, Male): > 2,000 mg/kg Not classified
Not classified based on available data.

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.
Not classified based on available data of component(s).

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:

Lauryl alcohol Category 2 (88)

Respiratory or Skin Sensitization

Product: Skin sensitization, GPMT Skin: (Guinea Pig): Negative
Skin: Not classified based on available data.
Respiratory: Classification not possible due to insufficient data.

Carcinogenicity

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

IARC:

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity

In vitro

Product: Ames test (TA98, TA100, TA1535, TA1537, TA1538) (OECD TG471):
Negative
Not classified based on available data.

In vivo

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

Aspiration Hazard

Product: No data available.

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:

Lauryl alcohol Category 1: (88)

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Components:

Lauryl alcohol Category 2: (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.

Contaminated Packaging: No data available.

14. Transport information

IATA

UN Number:	UN 3077
UN Proper Shipping Name:	Environmentally hazardous substance, solid, n.o.s.(Dodecanol)
Transport Hazard Class(es)	
Class:	9
Label(s):	9MI (Miscellaneous)
Packing Group:	III
Passenger and cargo aircraft :	956
Limited quantity	None.
Excepted quantity	E1
Environmental Hazards	
Environmentally Hazardous:	Yes
Marine Pollutant:	No
Special precautions for user:	None.
Passenger and cargo aircraft:	Allowed. 956
Cargo aircraft only :	Allowed. 956

IMDG

UN Number:	UN 3077
UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Dodecanol)
Transport Hazard Class(es)	
Class:	9
Label(s):	9
EmS No.:	F-A, S-F
Packing Group:	III
Limited quantity	5.00KG
Excepted quantity	E1
Environmental Hazards	
Environmentally Hazardous:	Yes
Marine Pollutant:	Yes
Special precautions for user:	None.

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

Regulatory basis	IBC Code
Product name	Dodecyl alcohol
Pollution category	Y
Ship type	2

National Regulations

Domestic Standard: In compliance with domestic law.

Emergency Response Guide Number: 171

15. Regulatory information

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

Philippines. CCO chemicals (Chemical Control Orders, as published in Department of Environment and Natural Resources Order (DAO) No. 2021-08 and 2021-09)
 Not Regulated

Philippines. Controlled Precursors & Essential Chemicals (Comprehensive Dangerous Drugs Act of 2002 (Republic Act 9165), as amended thru Dangerous Drugs Board Regulations)
 Not Regulated

Philippines. Ozone Depleting Substances (ODS) (Chemical Control Order, DENR Admin. Order No. 2013-25, as amended)
 Not Regulated

Philippines. Priority Chemical List (PCL) (DENR Administrative Order)
 Not Regulated

Philippines. Narcotic and Psychotropic Substances (Comprehensive Dangerous Drugs Act of 2002 (Republic Act 9165), as amended)
 Not Regulated

Philippines. Hazardous Wastes (DENR Administrative Order 2013-22 Revised Procedures and Standards for the Management of Hazardous Wastes, Table 2.1)
 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 Industrial Chem. Act (AIC):	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):	Registered
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

16. Other information, including date of preparation or last revision

Issue Date: 01.02.2022

Revision Date: 27.03.2025

Version #: 3.0

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:
(88): ECHA-REACH Registered Substances Database