

**Safety data sheet**  
**According to GHS 3rd Revision, Annex IV**

Printing date 30.01.2020

Revision: 17.01.2020

**1 Identification of the substance/mixture and of the company/undertaking**

- **Product identifier**
- **Trade name:** KORTACID 1299
- **CAS Number:**  
143-07-7
- **EC number:**  
205-582-1
- **REACH Reg. No:** 01-2119538184-40-0007
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture**  
Additives  
Intermediate  
Chemical Intermediates  
Lubricant  
Tanning agent  
Fragrance
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Pacific Oleochemicals Sdn Bhd (64175-U)  
PLO 285 Jalan Pekeliling Timur,  
PO Box 143, 81707 Pasir Gudang  
Johor Darul Takzim,  
Malaysia.  
Tel. No: +607 251 8000  
Fax. No: +607 251 1066
- **Further information obtainable from:** poc@pacificoleo.com
- **Emergency telephone number:** During normal opening times: +60-7-251 8000

**2 Hazards identification**

- **Classification of the substance or mixture**



Eye Dam. 1 H318 Causes serious eye damage.

Aquatic Acute 2 H401 Toxic to aquatic life.

- **Label elements**
- **GHS label elements**

The substance is classified and labelled according to the Globally Harmonised System (GHS).

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## · Hazard pictograms



GHS05

· Signal word *Danger*

## · Hazard statements

H318 Causes serious eye damage.

H401 Toxic to aquatic life.

## · Precautionary statements

P273 Avoid release to the environment.

P280 Wear eye protection / face protection.

P305+P351+P338 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## · Other hazards

## · Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

### 3 Composition/information on ingredients

## · Chemical characterisation: Substances

## · CAS No. Description

143-07-7 Lauric Acid

## · Identification number(s)

· EC number: 205-582-1

### 4 First aid measures

## · Description of first aid measures

· After inhalation: Supply fresh air; consult doctor in case of complaints.

· After skin contact: Generally the product does not irritate the skin.

· After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

· After swallowing: If symptoms persist consult doctor.

## · Information for doctor:

· Most important symptoms and effects, both acute and delayed No further relevant information available.

· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### 5 Firefighting measures

## · Extinguishing media

· Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

· Special hazards arising from the substance or mixture No further relevant information available.

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- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Use neutralising agent.  
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Thorough dedusting.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.

- **DNELs**

Dermal	DNEL	10 mg/kg bw/day (WORKERS)
Inhalative	DNEL	17,632 mg/m <sup>3</sup> (WORKERS)

- **PNECs**

Water - Fresh Water	0.047 mg/L
Water - Marine Water	0.0047 mg/L
Sediment-Fresh water	4.09 mg/kg
Sediment-Marine Water	0.409 mg/kg
STP	912 mg/L

- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.

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*Immediately remove all soiled and contaminated clothing*

*Wash hands before breaks and at the end of work.*

*Avoid contact with the eyes.*

*Avoid contact with the eyes and skin.*

· **Respiratory protection:** *Not required.*

· **Protection of hands:**



*Protective gloves*

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*

*Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.*

*Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*

· **Material of gloves**

*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.*

· **Penetration time of glove material**

*The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*

· **Eye protection:**



*Tightly sealed goggles*

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

**Form:** *Solid*

**Colour:** *White*

· **Odour:** *Light*

· **Odour threshold:** *Not determined.*

· **pH-value:** *Not applicable.*

· **Change in condition**

**Melting point/freezing point:** *~42-44 °C*

**Initial boiling point and boiling range:** *~225 °C*

· **Flash point:** *160-165 °C*

· **Flammability (solid, gas):** *Product is not flammable.*

· **Ignition temperature:** *>250 °C*

· **Decomposition temperature:** *Not determined.*

· **Auto-ignition temperature:** *Not determined.*

· **Explosive properties:** *Product does not present an explosion hazard.*

· **Explosion limits:**

**Lower:** *Not determined.*

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<b>Upper:</b>	Not determined.
· <b>Vapour pressure at 25 °C:</b>	0.00213 hPa
· <b>Density at 20 °C:</b>	0.49 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with water at 25 °C:</b>	0.00481 g/l
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.
· <b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability** Stable at environment temperature
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

#### · Information on toxicological effects

##### · Acute toxicity

Dermal	LD50	>2,000 mg/kg bw/day (rat) (OECD 434; CAS57-11-4; C18)
Inhalative	LC50	>0.1521 mg/L

##### · LD/LC50 values relevant for classification:

Oral	LD50	>5,000 mg/kg (rat)
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##### · Primary irritant effect:

- **Skin corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** Strong irritant with the danger of severe eye injury.
- **Respiratory or skin sensitisation** No sensitising effects known.

##### · Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

##### · Repeated dose toxicity

Oral	NOAEL (subchronic)	1,000 mg/kg bw/d (rat) (OECD 422; CAS112-85-6; C22)
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##### · CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

- **Carcinogenicity** Based on available data, the classification criteria are not met.

##### · Reproductive toxicity

Oral	NOAEL (fertility)	1,000 mg/kg bw/d (rat) (OECD 422; CAS112-85-6; C22)
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· **STOT-single exposure** Based on available data, the classification criteria are not met.

### 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

EC50 (48h)	3.6 mg/L ( <i>daphnia magna</i> ) (OECD 202; CAS143-07-7; C12)
LC50 (96h)	5 mg/L ( <i>fish</i> ) (OECD 203; CAS143-07-7; C12)
NOEC (chronic) (21d)	0.47 mg/L ( <i>daphnia magna</i> ) (OECD 211; CAS143-07-7)

· **Persistence and degradability** No further relevant information available.

· **Behaviour in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· **UN-Number**

· **ADR, ADN, IMDG, IATA** not regulated

· **UN proper shipping name**

· **ADR, ADN, IMDG, IATA** not regulated

· **Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**  
 · **Class** not regulated

· **Packing group**

· **ADR, IMDG, IATA** not regulated

· **Environmental hazards:**

Not applicable.

· **Special precautions for user**

Not applicable.

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· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	-
· <b>Product name:</b>	Fatty acids C12+
· <b>Pollution category:</b>	Y
· <b>Ship type:</b>	2
· <b>UN "Model Regulation":</b>	not regulated

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **GHS label elements**  
The substance is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS05

- **Signal word** *Danger*
- **Hazard statements**  
H318 Causes serious eye damage.  
H401 Toxic to aquatic life.
- **Precautionary statements**  
P273 Avoid release to the environment.  
P280 Wear eye protection / face protection.  
P305+P351+P338 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** Substance is not listed.
- **National regulations:**
- **Other regulations, limitations and prohibitive regulations**  
Positive Country Substance Listing  
USA (TSCA), Canada (DSL), Europe (EINECS), Japan (ENCS), Australia (AICS), Korea (ECL), China (IECSC), Philippines (PICCS), New Zealand (NZIOC), Taiwan (CSNN)
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Product safety department.
- **Contact:** poc@pacificoleo.com
- **Abbreviations and acronyms:**  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods

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*IATA: International Air Transport Association**EINECS: European Inventory of Existing Commercial Chemical Substances**CAS: Chemical Abstracts Service (division of the American Chemical Society)**DNEL: Derived No-Effect Level (REACH)**PNEC: Predicted No-Effect Concentration (REACH)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2***\* Data compared to the previous version altered.***Revision 1 (01/11/15)**New issuance of CLP/GHS SDS**Revision 2 (12/05/17)**Add in REACH registration number**Revision 3 (14/09/17)**Remove DSD( 67/548/EEC) and (99/45/EC) classification**Remove company slogan**Revision 4 (23/04/2018)**update section 3**Revision 5 (23/09/2019)**Update section 1**Revision 6 (30/01/2020)**Update section 2*