

## PRIPOL™ 1017-LQ-(GD)

Version 1.0

Revision Date 30.03.2012

Print Date 07.03.2013

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name : PRIPOL™ 1017-LQ-(GD)  
Product code : FAG1017  
Registration number : 01-2119493908-18-0000  
  
Substance name : Dimer acid

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Adhesives, sealants, Coatings and paints, thinners, paint removers, Fillers, putties, plasters, modelling clay, Ink and toners, Intermediate, Polymer preparations and compounds, Products such as ph-regulators, flocculants, pre-cipitants, neutralization agents, Lubricants, greases, release products, Metal working fluids, Anti-Freeze and de-icing products, Fertilizers, Fuels, Laboratory chemicals, Leather tanning, dye, finishing, impregnation and care products, Polishes and wax blends, Air care products, Washing and cleaning products (including solvent based products), Water softeners

#### 1.3 Details of the supplier of the safety data sheet

Company : Croda Europe Limited  
Cowick Hall, Snaith,  
DN14 9AA Goole  
  
Telephone : +441405860551  
Telefax : +441405860205  
E-mail address : SDSCompiler@croda.com  
Responsible/issuing person

#### 1.4 Emergency telephone number

EUROPE: 00 32 3575 5555. USA: 24 Hour Emergency Response Information  
CHEMTREC: 1-800-424-9300 (toll free); 1-703-527-3887 (direct/international). ASIA  
PACIFIC (excl. China): +65 6542-9595. CHINA: +86 21 2315 9344.

### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**Classification (67/548/EEC, 1999/45/EC)**

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

#### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.3 Other hazards

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May irritate eyes.  
May irritate skin.  
Ingestion may cause irritation to mucous membranes.  
May cause irritation of respiratory tract.

### 3. Composition/information on ingredients

#### 3.1 Substances

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

### 4. First aid measures

#### 4.1 Description of first aid measures

If inhaled : If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.

In case of eye contact : Immediately flush eye(s) with plenty of water.  
If eye irritation persists, consult a specialist.

If swallowed : If symptoms persist, call a physician.

#### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms : None known.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : None known.

### 5. Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

#### 5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.  
Do not allow run-off from fire fighting to enter drains or water courses.

#### 5.3 Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

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for firefighters

Further information

: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material.  
Sweep up and shovel into suitable containers for disposal.

### 6.4 Reference to other sections

None.

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## 7. Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.  
Avoid contact with skin and eyes.

Advice on protection against fire and explosion : Smouldering can occur upon leakage onto fibrous insulation material.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container.  
Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage : No special restrictions on storage with other products.

### 7.3 Specific end uses

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## 8. Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

DNEL : End Use: Workers

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	Exposure routes: Skin contact, Inhalation Potential health effects: Acute effects, Systemic effects not applicable
DNEL	: End Use: Workers Exposure routes: Skin contact, Inhalation Potential health effects: Acute effects, Local effects not applicable
DNEL	: End Use: Workers Exposure routes: Skin contact Potential health effects: Long-term exposure, Systemic effects Value: 741 mg/kg bw/day
DNEL	: End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term exposure, Systemic effects Value: 52.26 mg/m3
DNEL	: End Use: Workers Exposure routes: Skin contact, Inhalation Potential health effects: Long-term exposure, Local effects not applicable
DNEL	: End Use: general public Exposure routes: Skin contact, Inhalation, Ingestion Potential health effects: Acute effects, Systemic effects not applicable
DNEL	: End Use: general public Exposure routes: Skin contact, Inhalation Potential health effects: Acute effects, Local effects not applicable
DNEL	: End Use: general public Exposure routes: Skin contact Potential health effects: Long-term exposure, Systemic effects Value: 370.5 mg/kg bw/day
DNEL	: End Use: general public Exposure routes: Inhalation Potential health effects: Long-term exposure, Systemic effects Value: 12.887 mg/m3
DNEL	: End Use: general public Exposure routes: Ingestion Potential health effects: Long-term exposure, Systemic effects Value: 3.705 mg/kg bw/day
DNEL	: End Use: general public Exposure routes: Skin contact, Inhalation Potential health effects: Long-term exposure, Local effects not applicable
PNEC	: Fresh water no data available

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PNEC	:	Marine sediment no data available
PNEC	:	Water Intermittent use/release, no data available
PNEC	:	Fresh water sediment no data available
PNEC	:	Marine sediment no data available
PNEC	:	Soil no data available
PNEC	:	Sewage Treatment Plant no data available
PNEC	:	Oral Secondary Poisoning, no data available

### 8.2 Exposure controls

#### Personal protective equipment

Respiratory protection	:	During spraying, wear suitable respiratory equipment. Wear a respirator conforming to EN140 with Type A/P2 filter or better.
Hand protection	:	For prolonged or repeated contact use protective gloves.
Eye protection	:	Safety glasses
Skin and body protection	:	Impervious clothing
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice.

#### Environmental exposure controls

General advice	:	Prevent product from entering drains.
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## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	:	viscous liquid
Colour	:	light yellow
Odour	:	slight
Flash point	:	275 °C

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Lower explosion limit	: Note: not applicable
Upper explosion limit	: Note: not applicable
Flammability (solid, gas)	: The product is not flammable.
Autoignition temperature	: 400 °C
pH	: Note: not applicable
Pour point	: -18 - -12 °C
Boiling point	: Note: not applicable, Decomposes below the boiling point.
Vapour pressure	: estimated 0.000004 hPa
Density	: 0.94 g/ml at 25 °C
Water solubility	: < 0.12 mg/l at 20 °C Note: below detection limit
Partition coefficient: n-octanol/water	: log Pow: 1 - 2.5
Solubility in other solvents	: Medium: most organic solvents Note: soluble
Viscosity, dynamic	: 8,000 mPa.s at 25 °C
Surface tension	: 33.3 mN/m at 24 °C

### 9.2 Other information

Oxidising potential	: Note: not applicable
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## 10. Stability and reactivity

### 10.1 Reactivity

no data available

### 10.2 Chemical stability

no data available

### 10.3 Possibility of hazardous reactions

Hazardous reactions	: Note: Stable under recommended storage conditions.
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### 10.4 Conditions to avoid

Conditions to avoid	: None known.
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### 10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

### 10.6 Hazardous decomposition products

Thermal decomposition : Note: no data available

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## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Acute oral toxicity : LD50: > 5,000 mg/kg  
Species: rat  
Method: OECD Test Guideline 401  
Remarks: No mortality observed at this dose.

: LD50: > 18,600 mg/kg  
Species: rat  
Method: OECD Test Guideline 401

Acute inhalation toxicity :  
Remarks: not applicable

Acute dermal toxicity : Remarks: not applicable

#### Skin corrosion/irritation

Skin irritation : Species: rabbit  
Result: Not irritating  
Method: OECD Test Guideline 404  
Remarks: Based on available data, the classification criteria are not met.

#### Serious eye damage/eye irritation

Eye irritation : Species: rabbit  
Result: Not irritating  
Method: OECD Test Guideline 405  
Remarks: Based on available data, the classification criteria are not met.

#### Respiratory or skin sensitization

Sensitisation : Maximisation Test  
Species: guinea pig  
Result: Did not cause sensitization on laboratory animals.  
Method: OECD Test Guideline 406  
Remarks: Information given is based on data obtained from similar substances.

#### Germ cell mutagenicity

Genotoxicity in vitro : Ames test  
Salmonella typhimurium  
Result: negative

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Method: Mutagenicity (Escherichia coli - reverse mutation assay)

Remarks: Information given is based on data obtained from similar substances.

: In vitro gene mutation study in mammalian cells

Mouse Lymphoma Cells

Result: negative

Method: OECD Test Guideline 473

Remarks: Information given is based on data obtained from similar substances.

: Chromosome aberration test in vitro

Human lymphocytes

Result: negative

Method: OECD Test Guideline 473

Remarks: Information given is based on data obtained from similar substances.

### Target Organ Systemic Toxicant - Repeated exposure

: Species: rat, male

Application Route: Oral

Exposure time: (13 d)

NOEL: estimated 741 mg/kg

Method: OECD Test Guideline 408

Information given is based on data obtained from similar substances.

: Species: rat, female

Application Route: Oral

Exposure time: (13 d)

NOEL: estimated 855 mg/kg

Method: OECD Test Guideline 408

Information given is based on data obtained from similar substances.

: Species: rat, male and female

Application Route: Oral

Exposure time: (13 d)

NOEL: > 1,000 mg/kg

Method: OECD Test Guideline 408

Information given is based on data obtained from similar substances.

### Further information

: no data available

## 12. Ecological information

### 12.1 Toxicity

Toxicity to fish

: LC50: > 350 mg/l

Exposure time: 96 h



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Species: Danio rerio (zebra fish)  
static test Method: OECD Test Guideline 203  
Remarks:  
No toxic effects observed at the limit of solubility.

: LC50: > 1,000 mg/l  
Exposure time: 48 h

Species: Cyprinus carpio (Carp)  
static test Remarks:  
No toxic effects observed at the limit of solubility.

Toxicity to daphnia and other  
aquatic invertebrates.

: EL50: > 1,000 mg/l  
Exposure time: 24 h  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 202  
Remarks:  
Information given is based on data obtained from similar  
substances.  
No toxic effects observed at the limit of solubility.

: EL50: > 1,000 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 202  
Remarks:  
Information given is based on data obtained from similar  
substances.  
No toxic effects observed at the limit of solubility.

: LC50: > 1,000 mg/l  
Exposure time: 48 h  
Species: Acartia tonsa  
Remarks:  
Information given is based on data obtained from similar  
substances.

Toxicity to algae

: EL50: > 1,000 mg/l  
Exposure time: 72 h  
Species: Desmodesmus subspicatus (green algae)  
Growth rate, static test  
Method: OECD Test Guideline 201  
Remarks:  
Information given is based on data obtained from similar  
substances.

: EL50: > 1,000 mg/l  
Exposure time: 72 h  
Species: Desmodesmus subspicatus (green algae)  
Biomass, static test  
Method: OECD Test Guideline 201  
Remarks:  
Information given is based on data obtained from similar  
substances.

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- : EL50: > 1,000 mg/l  
Exposure time: 72 h  
Species: Skeletonema costatum  
Growth rate, static test  
Method: ISO 10253  
Remarks:  
Information given is based on data obtained from similar substances.
- : > 1,000 mg/l  
Exposure time: 72 h  
Species: Skeletonema costatum  
Growth rate, static test  
Method: ISO 10253  
Remarks:  
Information given is based on data obtained from similar substances.
- Toxicity to fish (Chronic toxicity) : NOEC:  $\geq 0.85$  mg/l  
Exposure time: 28 d  
Species: Danio rerio (zebra fish)  
flow-through test  
Method: ISO/DIS 10229-1  
Remarks:  
Information given is based on data obtained from similar substances.  
No toxic effects observed at the limit of solubility.

- Toxicity to daphnia and other aquatic invertebrates. (Chronic toxicity) : Remarks:  
no data available

### Ecotoxicology Assessment

- Acute aquatic toxicity : No toxic effects observed at the limit of solubility.
- Chronic aquatic toxicity : No toxic effects observed at the limit of solubility.

## 12.2 Persistence and degradability

- Biodegradability : Result: Not readily biodegradable.  
< 10 %  
Testing period: 28 d  
Method: OECD Test Guideline 301B
- : Result: Not readily biodegradable.  
3.8 %  
Testing period: 28 d  
Method: ASTM D 5864-95
- : Result: Not readily biodegradable.  
< 7 %  
Testing period: 28 d  
Method: OECD Test Guideline 301B

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: Result: Not readily biodegradable.  
< 9 %  
Testing period: 28 d  
Method: OECD Test Guideline 301D

### 12.3 Bioaccumulative potential

Bioaccumulation : Remarks:  
Bioaccumulation is unlikely.

### 12.4 Mobility in soil

Surface tension : 33.3 mN/m  
at 24 °C

Additional : Remarks:  
adviceEnvironmental fate None.  
and pathways

### 12.5 Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

### 12.6 Other adverse effects

Additional ecological : No information available.  
information

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## 13. Disposal considerations

### 13.1 Waste treatment methods

Product : Dispose of product residue in accordance with the instructions  
of the person responsible for waste disposal.

Contaminated packaging : Empty remaining contents.

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## 14. Transport information

Special precautions for :  
user

Not classified as dangerous in the meaning of transport regulations.

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## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Water contaminating class : WGK 1 slightly water endangering  
(Germany)

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### Notification status

US.TSCA	:	All chemical substances in this product are listed on the TSCA Inventory.
REACH	:	On the inventory, or in compliance with the inventory
CH INV	:	On the inventory, or in compliance with the inventory
DSL	:	All components of this product are on the Canadian DSL list.
AICS	:	On the inventory, or in compliance with the inventory
ENCS	:	On the inventory, or in compliance with the inventory
ISHL	:	On the inventory, or in compliance with the inventory
KECI	:	On the inventory, or in compliance with the inventory
PICCS	:	On the inventory, or in compliance with the inventory
IECSC	:	On the inventory, or in compliance with the inventory

### 15.2 Chemical Safety Assessment

not hazardous

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## 16. Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.