

Revision: 27 Jan 2021

## SAFETY DATA SHEET

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

## 1.1 Product identifier

- Product Name: ECOPOG
- Product Part Number: ECOP

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

Use of the substance/mixture: Solvent cleaner for industrial/commercial use 1.3

## Details of the supplier of the safety data sheet

- Name of Supplier: CLEANING WAREHOUSE LTD
- Address of Supplier: UNIT A10, THE SQUARE, GREENOGUE BUSINESS PARK, RATHCOOLE, D24 H512
- Telephone: 01-9602663
- Responsible Person: C. SANDS
- Email: INFO@CLEANINGWAREHOUSE.IE

## 1.4 Emergency telephone number

- Emergency Telephone: 01 809 2166 (8am to 10pm every day)

**SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

- CLP: Eye Dam. 1

## 2.2 Label elements



GHS07

- Signal Word: Danger
- Hazard statements  
H319 - Causes serious eye irritation.
- Precautionary statements  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection. P310 - Immediately call a POISON CENTER or doctor/physician.

## 2.3 Other hazards

**SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

- 3-METHOXY-3-METHYLBUTAN-1-OL

### SECTION 3: Composition/information on ingredients (....)

- CAS Number: 56539-66-3
- EC Number: 260-252-4
- Concentration: 10-20%
- Categories: Eye Irrit. 2
- Symbols: GHS07
- H Statements: H319
- ETHYL LACTATE
  - CAS Number: 687-47-8
  - EC Number: 211-694-1
  - Concentration: 5-15%
  - Categories: Flam. Liq. 3, Eye Dam. 1, STOT SE 3
  - Symbols: GHS02;GHS05;GHS07
  - H Statements: H226;H335;H318
- AMIDES C8 - 18 (EVEN NUMBERED) AND C18 UNSATURATED N,N, BIS (HYDROXYETHYL)
  - CAS Number:
  - EC Number: 931-329-6
  - Concentration: 1-3%
  - Categories: Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2
  - Symbols: GHS05, GHS09
  - H Statements: H315, H318, H411
- 1-HEPTANOL, 2-PROPYL-,ETHOXYLATED (> 5 - <=10 EO )
  - CAS Number: 160875-66-1
  - EC Number:
  - Concentration: 1-3%
  - Categories: Acute Tox. 4, Eye Dam. 1
  - Symbols: GHS05, GHS07
  - H Statements: H302, H318

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- Contact with eyes
  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Contact with skin
  - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water
  - Seek medical attention if irritation persists
- Ingestion
  - Do not induce vomiting
  - Give plenty of water to drink
  - Get medical advice/attention.
- Inhalation
  - Remove person to fresh air and keep comfortable for breathing.
  - Get medical advice/attention if you feel unwell.

## **SECTION 4: First aid measures (....)**

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

- No information available

### 4.3 Indication of any immediate medical attention and special treatment needed - Immediately call a POISON CENTER or doctor/physician.

## **SECTION 5: Firefighting measures**

### 5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Do not use water jets

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

- May give off noxious and toxic fumes in a fire

### 5.3 Advice for firefighters

- Wear Breathing Apparatus

## **SECTION 6: Accidental release measures**

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

- Wear protective clothing as per section 8

### 6.2 Environmental precautions

- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

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

- Absorb spillage in suitable inert material
- Remove contaminated material to safe location for subsequent disposal
- Flush spill area with copious amounts of water

### 6.4 Reference to other sections

- See Section 13 for disposal

## **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

- Avoid contact with eyes
- Wear protective gloves/protective clothing/eye protection/face protection.

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

- Keep container tightly closed, in a cool, well ventilated place

### 7.3 Specific end use(s)

See section 1.2

## **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

## SECTION 8: Exposure controls/personal protection (....)

- 3-METHOXY-3-METHYLBUTAN-1-OL
  - DNEL (Industry; inhalational, long term systemic effects): 5.9 mg/m<sup>3</sup>
  - DNEL (Industry; dermal, long term systemic effects): 2 mg/kg bw/day
  - DNEL (Consumer; inhalational, long term systemic effects): 1.7 mg/m<sup>3</sup>
  - DNEL (Consumer; dermal, long term systemic effects): 1.2 mg/kg bw/day
- AMIDES C8 - 18 (EVEN NUMBERED) AND C18 UNSATURATED N,N, BIS (HYDROXYETHYL)
  - DNEL (Industry; inhalational, long term systemic effects): 73.4 mg/m<sup>3</sup>
  - DNEL (Industry; dermal, long term systemic effects): 4.16
  - DNEL (Consumer; inhalational, long term systemic effects): 21.7 mg/m<sup>3</sup>
  - DNEL (Consumer; dermal, long term systemic effects):
  - DNEL (Industry; dermal, long term local effects): 0.09
  - DNEL (Consumer; dermal, long term local effects): 0.056

### 8.2 Exposure controls

- Wear protective gloves/protective clothing/eye protection/face protection.
- The undiluted product must not be used in a confined space without good ventilation

Gloves Goggles

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Clear amber liquid
- Odour: Slight fruity
- Boiling Point/Range: IBP 154 deg C
- Density: 0.95-1.00 g/cm<sup>3</sup> at 20 °C
- Flashpoint: >70 deg C
- pH: N/A

### 9.2 Other information

- No information available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- Avoid overheating

### 10.5 Incompatible materials

- Incompatible with strong oxidizing substances

## SECTION 10: Stability and reactivity (....)

### 10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides

## SECTION 11: Toxicological information

Can cause serious irritation to eyes and potential damage on prolonged contact. Ingestion may cause abdominal pain and vomiting  
Inhalation may cause coughing, shortness of breath and irritation to nose and throat. 11.1 Information on toxicological effects

- 3-METHOXY-3-METHYLBUTAN-1-OL  
LD<sub>50</sub> (oral, rat): 4,400 mg/kg  
LD<sub>50</sub> (skin, rat): >2,000 mg/kg
- ETHYL LACTATE  
LD<sub>50</sub> (oral, rat): >2000 mg/kg  
LD<sub>50</sub> (skin, rat):  
LC<sub>50</sub> (inhalation, rat): 5.4 mg/l/4h
- AMIDES C8 - 18 (EVEN NUMBERED) AND C18 UNSATURATED N,N, BIS (HYDROXYETHYL)  
LD<sub>50</sub> (oral, rat): >2000 mg/kg  
LD<sub>50</sub> (skin, rat):  
LD<sub>50</sub> (dermal, rabbit): >2000 mg/kg

## SECTION 12: Ecological information

### 12.1 Toxicity

- 3-METHOXY-3-METHYLBUTAN-1-OL  
EC<sub>50</sub> (daphnia): >1000 mg/l (48 hr)  
LC<sub>50</sub> (fish): >100 mg/l (96 hr)
- ETHYL LACTATE  
PNEC (Fresh water): 0.32 mg/l  
PNEC (Marine water): 0.032 mg/l  
PNEC (Sediment; fresh water): 1.66 mg/kg (dw)  
PNEC (Soil): 0.145 mg/kg (dw)  
PNEC (Sediment; marine water): 0.166 mg/kg (dw)
- AMIDES C8 - 18 (EVEN NUMBERED) AND C18 UNSATURATED N,N, BIS (HYDROXYETHYL)  
EC<sub>50</sub> (daphnia): 3.2 mg/l (48 hr)  
LC<sub>50</sub> (fish): 2.4 mg/l (96 hr)

### 12.2 Persistence and degradability

- Biodegradable

### 12.3 Bioaccumulative potential

- Low bioaccumulation potential

### 12.4 Mobility in soil

## **SECTION 12: Ecological information (....)**

- partly miscible with water

### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

### 12.6 Other adverse effects

- No information available

## **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not discharge into drains or the environment, dispose to an authorised waste collection point

## **SECTION 14: Transport information**

Not classified as hazardous for transport

### 14.1 UN number or ID number

- UN No.: Not applicable
- Not applicable

### 14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

### 14.3 Transport hazard class(es)

- Hazard Class: Not applicable

### 14.4 Packing group

- Packing Group: Not applicable

### 14.5 Environmental hazards

- Not Classified

### 14.6 Special precautions for user

- Not Classified

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not Classified

## **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture - The Chemicals (Hazard Information and Packaging) Regulations applies in the UK

### 15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out

## **SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-  
H226: Flammable liquid and vapour. H302: Harmful if swallowed. H315: Causes skin irritation.

**SECTION 16: Other information (....)**

Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H411: Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

ADR European Agreement concerning the International Carriage of Goods by Road

ATE Acute Toxicity Estimate

CAS Chemical Abstracts Service

CHIP Chemicals (Hazard Information and Packaging) Regulations—Directives 1999/45/EC and 67/548/EC

CLP Classification and Labelling of Chemicals—Regulation (EC) No. 1272/2008

CMR Carcinogenic-Mutagenic-Toxic for reproduction

DNEL Derived No Effect Level

EINECS European Inventory of Existing Commercial Chemical Substances

GHS Globally Harmonised System of Classification and Labelling of Chemicals

IATA International Air Transport Association

IMDG International Maritime Dangerous Goods Code

LC50 Lethal Concentration, 50%

LD50 Lethal Dose, 50%

MARPOL International Convention for the Prevention of Pollution From Ships

NOEC No Observed Effect Concentration

NOAEL No Observed Adverse Effect Level

OEL Occupational Exposure Limit

PBT Persistent, Bioaccumulative, Toxic

PNEC Predicted No Effect Concentration

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

vPvB very Persistent, very Bioaccumulative

RID Convention concerning International Carriage by Rail

STP Sewage Treatment Plants

WEL Workplace Exposure Limit

VOC Volatile Organic Compound

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