CALSEA 50 M2 AL

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 17/07/2018 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Trade name : **CALSEA 50 M2 AL**

Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use,Consumer use

Use of the substance/mixture : Lubricating grease

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

IGOL FRANCE
614, rue de Cagny - CS 19403
80094 AMIENS CEDEX 3 - France
T +33 (0)3 22 50 22 22
msds@igol.com - www.igol.com

1.4. Emergency telephone number

United Kingdom	**National Poisons Information Service (Cardiff Centre)** Gwenwyn Ward, Llandough Hospital Penarth CF64 2XX Cardiff **0344 892 0111**

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P102 - Keep out of reach of children.

EUH-statements : EUH210 - Safety data sheet available on request.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzene, C9-13-alkyl derivs., distn. residues, sulfonated, calcium salts	(CAS-No.) 97675-24-6 (EC-No.) 307-593-8	5 - 10	Eye Irrit. 2, H319
((Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine)	(CAS-No.) 110-25-8 (EC-No.) 203-749-3	0,1 - 1	Eye Dam. 1, H318 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Aquatic Acute 1, H400

Full text of H-statements: see section 16

Comments : This product is a calcium sulfonate complex grease based on mineral oil
The mineral oil in this product contains less than 3% PCA (IP 346).

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air.

First-aid measures after skin contact : Wash with plenty of water/….

First-aid measures after eye contact : Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum).

First-aid measures after ingestion : Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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

Symptoms/effects after inhalation : May cause headache, nausea and irritation of respiratory tract.

Symptoms/effects after skin contact : Prolonged or repeated contact with the skin may cause dermatitis.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Dry chemical. Foam.

Unsuitable extinguishing media : Do not use a heavy water stream. Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic and irritating gases are released.

5.3. Advice for firefighters

Firefighting instructions : Prevent fire fighting water from entering the environment. Exercise caution when fighting any chemical fire.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Do not breathe fumes from fires or vapours from decomposition.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : May be dangerously slippery if spilled.

6.1.1. For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

6.1.2. For emergency responders

Protective equipment : Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Stop leak without risks if possible. Dike and contain spill.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect all waste in suitable and labelled containers and dispose according to local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. For disposal of residues refer to section 13 : Disposal considerations" ".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : May be dangerously slippery if spilled.

Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Avoid prolonged and repeated contact with skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep containers closed. Store in dry, cool, well-ventilated area.

Storage temperature : ≤ 45 °C

Heat and ignition sources : Keep away from heat sources, open flames, Sparks. No smoking. Remove all sources of ignition.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Materials for protective clothing : Wear suitable protective clothing

Hand protection : Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Nitrile rubber gloves. Time of penetration is to be checked with the glove producer

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR)	6 (> 480 minutes)	>= 0,38		

Eye protection : Avoid contact with eyes

Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment

Other information : Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Grease.
Colour : light brown.
Odour : No data available
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : > 150 °C (Based on the oil)
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Density : < 1000 kg/m³ (25°C)
Solubility : Material insoluble in water.
Log Pow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

CALSEA 50 M2 AL	
LD50 oral	6507 mg/kg
LD50 dermal	34034 mg/kg

((Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine) (110-25-8)	
LD50 oral rat	> 5000 mg/l (OECD 420 method)
LC50 inhalation rat (mg/l)	1,01 - 1,85 mg/l/4h (OECD 403 method)

Benzene, C9-13-alkyl derivs., distn. residues, sulfonated, calcium salts (97675-24-6)	
LD50 dermal rabbit	> 20000 mg/kg

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

((Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine) (110-25-8)	
LC50 fish 1	9,3 mg/l (96h, Leuciscus idus) [EU Method C.1]
EC50 Daphnia 1	0,43 mg/l (48h, Daphnia magna) (OECD 202 method)
EC50 72h algae (1)	6,3 mg/l (72h, Desmodesmus subspicatus) [Directive 67/548/EEC Annex V C.3.]
NOEC (acute)	> 0,43 mg/l (Danio rerio, 96h) (OECD 203 method)

12.2. Persistence and degradability

((Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine) (110-25-8)	
Chemical oxygen demand (COD)	2,4 g O_2/g substance
Biodegradation	85,2 % (28d) (OECD 301B method)

12.3. Bioaccumulative potential

((Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine) (110-25-8)	
Log Pow	3,5 - 4,2 (20°C) [EU Method A.8]

12.4. Mobility in soil

CALSEA 50 M2 AL	
Ecology - soil	Product adsorbs onto the soil. Material insoluble in water.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Do not discharge the product into the environment. Do not flush into surface water or sewer system

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Collect all waste in suitable and labelled containers and dispose according to local legislation.

European List of Waste (LoW) code : 13 08 99* - wastes not otherwise specified

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
No dangerous good in sense of transport regulations.(ADR, RID, IMDG, IATA)				
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

Carriage prohibited (ADN) : No

Not subject to ADN : No

- Rail transport

Carriage prohibited (RID) : No

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
EUH210	Safety data sheet available on request.

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