

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2015/830/EU and 1272/2008/EC
Date: 09.10.2017 – Version A



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

COB DRY

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

Rinse aid for dishwashing machines.

1.3 Details of the supplier of the safety data sheet:

COBART CHEMICALS

BARBOUNAKIS SA

Samou 27, 163 42 ILIOUPOLI, ATHENS

Tel.: (+30) 210.9954953 - 210.99629355, Fax: (+30) 210.9962356

e-mail: info@cobart.gr

1.4 Emergency telephone number:

Hellenic Poison Centre Tel.:

(+30) 210.7793777

European Emergency Tel.:

112

Supplier's emergency telephone number:

Calls from 08:00 to 16:00:

(+30) 210.9954953

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication: **void**

2.2 Label elements:

Hazard pictograms: **void**

Signal words: **void**

Hazard statements:

EUH210

Safety data sheet available on request.

Precautionary statements:

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P103

Read label before use.

2.3 Other hazards:

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2015/830/EU and 1272/2008/EC
Date: 09.10.2017 – Version A



3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Information not relevant.

3.2 Mixtures:

Contains:

Identification	Conc. %	Classification 1272/2008 (CLP)
Fatty alcohol alkoxylate 4		
CAS. - CE. - INDEX. - Reg. no. 02-2119552554-37-0000	1 - 10	Eye Dam. 2 H319, Skin Irrit. 2 H315
1-methoxypropan-2-ol		
CAS. 107-98-2 CE. 203-539-1 INDEX. - Reg. no. 01-2119486762-27-0000	1 - 10	Flam. Liq. 3 H226, STOT SE 3 H336
Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt		
CAS. - CE. 939-625-7 INDEX. - Reg. no. 01-2119985168-23-0000	0.1 - 1	Eye Dam. 2 H319, Skin Irrit. 2 H315

The full wording of the hazard (H) phrases is given in section 16 of the sheet.

4. FIRST AID MEASURES

4.1 Description of first aid measures:

Not specifically necessary. Observance of good industrial hygiene is recommended.

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

No episodes of damage to health ascribable to the product have been reported.

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

Information not available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media:

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2 Special hazards arising from the substance or mixture:

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3 Advice for firefighters:

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal firefighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2015/830/EU and 1272/2008/EC
Date: 09.10.2017 – Version A



combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

6. ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions, protective equipment and emergency procedures:**

Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.

6.2 **Environmental precautions:**

The product must not penetrate the sewer system or come into contact with surface water or ground water.

6.3 **Methods and material for containment and cleaning up:**

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in section 13.

6.4 **Reference to other sections:**

Any information on personal protection and disposal is given in sections 8 and 13.

7. HANDLING AND STORAGE

7.1 **Precautions for safe handling:**

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.

7.2 **Conditions for safe storage, including any incompatibilities:**

Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.

7.3 **Specific end use(s):**

Information not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 **Control parameters:**

Information not available.

8.2 **Exposure controls:**

Comply with the safety measures usually applied when handling chemical substances.

8.2.1 *Eye protection:*

None required.

8.2.2 *Skin protection:*

Hand protection:

None required.

Other skin protection:

None required.

8.2.3 *Respiratory protection:*

None required, unless indicated otherwise in the chemical risk assessment.

8.2.4 *Environmental exposure controls:*

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 **Information on basic physical and chemical properties:**

Appearance: Liquid

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2015/830/EU and 1272/2008/EC
Date: 09.10.2017 – Version A



Color:	Blue
Odor:	Characteristic
pH (solution):	2.50 – 3.50
Flash point:	> 60°C
Density:	1.02 gr/ml
Solubility:	In the water

9.2 Other informations:

VOC (Directive 2010/75/EC):	0.00 %
VOC (volatile carbon):	< 0.01 %

10. STABILITY AND REACTIVITY

10.1 Reactivity:

There are no particular risks of reaction with other substances in normal conditions of use.

10.2 Chemical stability:

The product is stable in normal conditions of use and storage.

10.3 Possibility of hazardous reactions:

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4 Conditions to avoid:

None in particular. However, the usual precautions used for chemical products should be respected.

10.5 Incompatible materials:

Information not available.

10.6 Hazardous decomposition products:

Information not available.

11. TOXICOLOGICAL INFORMATION

According to the available data, this product has not caused any health damage. In any case, should be treated with care in line with good industrial practices

11.1 Information on toxicological effects:

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC₅₀ (Inhalation) of the mixture: Not classified (no significant component).

LD₅₀ (Oral) of the mixture: Not classified (no significant component).

LD₅₀ (Dermal) of the mixture: Not classified (no significant component).

SKIN CORROSION / IRRITATION.

Does not meet the classification criteria for this hazard class.

SERIOUS EYE DAMAGE / IRRITATION.

Does not meet the classification criteria for this hazard class.

RESPIRATORY OR SKIN SENSITISATION.

Does not meet the classification criteria for this hazard class.

GERM CELL MUTAGENICITY.

Does not meet the classification criteria for this hazard class.

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2015/830/EU and 1272/2008/EC
Date: 09.10.2017 – Version A



CARCINOGENICITY.

Does not meet the classification criteria for this hazard class.

REPRODUCTIVE TOXICITY.

Does not meet the classification criteria for this hazard class.

STOT - SINGLE EXPOSURE.

Does not meet the classification criteria for this hazard class.

STOT - REPEATED EXPOSURE.

Does not meet the classification criteria for this hazard class.

ASPIRATION HAZARD.

Does not meet the classification criteria for this hazard class.

12. ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1 Toxicity:

Information not available.

12.2 Persistence and degradability:

Information not available.

12.3 Bioaccumulative potential:

Information not available.

12.4 Mobility in soil:

Information not available.

12.5 Results of PBT and vPvB assessment:

Based on available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

12.6 Other adverse effects:

Information not available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14. TRANSPORT INFORMATION

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1 UN number:

Not applicable.

14.2 UN proper shipping name:

Not applicable.

14.3 Transport hazard class(es):

Not applicable.

14.4 Packing group:

Not applicable.

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2015/830/EU and 1272/2008/EC
Date: 09.10.2017 – Version A



- 14.5 Environmental hazards:**
Not applicable.
- 14.6 Special precautions for user:**
Not applicable.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:**
Information not relevant.

15. REGULATORY INFORMATION

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

Seveso Category - Directive 2012/18/EC: **None**

Substances in Candidate List (Art. 59 REACH).

Based on available data, the product does not contain any SVHC in percentage greater than 0.1%.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012.

None.

Substances subject to the Rotterdam Convention.

None.

Substances subject to the Stockholm Convention.

None.

Healthcare controls.

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

Regulation (EC) No. 648/2004.

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

15.2 Chemical safety assessment:

No chemical safety assessment has been processed for the mixture and the substances it contains.

16. OTHER INFORMATION

Publisher of Safety Data Sheet:



QACS Ltd

Quality Assurance and Control Systems
1, Antigonis str., 144 51, Metamorfosi, Athens, Greece
Tel.: +30 210 2364745, Fax: +30 210 2934606
E-mail: info@qacs.gr
Website: www.qacs-lab.com

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Eye Dam. 2	Eye irritation, category 2.
Skin Irrit. 2	Skin irritation, category 2.
Flam. Liq. 3	Flammable liquids, category 3.
STOT SE 3	Specific Target Organ Toxicity - Single exposure, category 3.
H319	Causes serious eye irritation.

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2015/830/EU and 1272/2008/EC
Date: 09.10.2017 – Version A



H315 Causes skin irritation.
H226 Flammable liquid and vapour.
H335 May cause respiratory irritation.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EU) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
4. Regulation (EU) 2015/830 of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. The Merck Index. - 10th Edition
13. Handling Chemical Safety
14. Niosh - Registry of toxic effects of chemical substances
15. INRS - Fiche Toxicologique (toxicological sheet)
16. Patty - Industrial Hygiene and Toxicology
17. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
18. Ιστοσελίδα Web Agenzia ECHA

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property.

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2015/830/EU and 1272/2008/EC
Date: 09.10.2017 – Version A



The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

Initial version.