

1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

1.1. Product identifiers

Product name: **COB-21, Concentrated washing up liquid for hand dishwashing with Vinegar / Apple perfume**

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

Dishwashing Detergent product

1.3. Details of the supplier of the safety data sheet

Company: "COBART CHEMICALS", K. BARBOUNAKIS SA
 Adress: 27 Samou Str., Ilioupoli, Athens – Greece , PC 16342
 Telephone: +30 2109954953
 Fax: +30 2109962356
 email: cobart@otenet.gr

1.4. Emergency telephone number

+30 2109954953 (08.00am – 16.00pm)

2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according 1272/2008/EC (CLP Regulation) & regulation 1907/2006/EC (REACH Regulation): The product is classified as hazardous: Eye Dam. Cat. 1, Skin Irrit. Cat. 2

2.2. Label elements



Pictogram:

Signal word: **Danger**

Hazard statement: **H318, H315**

Precautionary statement: **P102, P264, P280, P305+P351+P338, P310, P302+ P352**

2.3. Other hazards

None

3: COMPOSITION/INFORMATION ON INGREDIENTS

The liquid fertilizer "Amino 16" is the result of the acidic hydrolysis of a protein rich plant origin material.

3.1. Substances

Name	CAS number/ Einecs Number/ Index number	REACH number	% w/w	Labeling according Regulation (EC) No 1272/2008 [CLP]
Benzenesulfonic acid, C10-13-	68411-30-3 270-115-0 -	01-2119489428-22	15-30%	Eye Dam. 1 (H318) Acute Tox. 4 (H302) Skin Irrit. 2 (H315)

alkyl derivatives, sodium salts				
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3 500-234-8 -	01-2119488639-16	1-5%	Eye Dam. 1 (H318) Skin Irrit. 2 (H315)
Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)	68155-07-7 931-329-6 -	01-2119490100-53	1-5%	Eye Dam. 1 (H318) Skin Irrit. 2 (H315)

3.2. Mixtures

None

4: FIRST AID MEASURES

4.1. Description of first aid measures

In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician immediately.

In case of skin contact Wash off with soap and plenty of water

If inhaled If a person remains in an area contaminated with vapors or fumes of the preparation (in case of fire), move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

If swallowed Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician immediately. Never give anything by mouth to an unconscious person.

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

It may cause severe damage in contact with eyes

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

No data available

5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Special hazards arising from the substance or mixture

The preparation is not explosive or flammable. At high temperatures during a fire, may form oxides of carbon and nitrogen. Exposure to smoke in these gases can cause significant health problems.

5.3. Advice for firefighters

Wear self contained breathing apparatus for firefighting if necessary. The equipment for firefighting must meet general requirements of Directive 98/37/EC and 94/9/EC. Firefighter's uniforms and personal protective equipment must be approved.

6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

The preparation is not flammable. However at high temperatures (e.g. in case of fire) hazardous vapors formed as described in Section 5. For this reason it is recommended to take personal precautions such as fire detection systems in warehouses, self-contained breathing apparatus for personal protection from the gases of combustion, marking points of water supply for the possibility of eye and / or skin wash.

In case of product release use the appropriate personal protection equipment as it is referred in section 8

6.2. Environmental precautions

This product is not hazardous to the environment and release shall not constitute a hazard to plants, animals and humans. In case of product leakage a dilution with water it is recommended.

6.3. Methods and material for containment and cleaning up

There is no need to provide appropriate advice on how to contain a spill, or to clean up. In case of the product spill on plants undiluted, a dilution with water is recommended.

6.4. Reference to other sections

For disposal see section 13.

7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Do not eat, drink and smoke in work areas. Wash hands after use. Remove protective equipment and working clothing before entering in eating areas. Do not transfer the product to containers without appropriate labeling.

7.2. Conditions for safe storage, including any incompatibilities

Store the product in cool place. Keep container tightly closed in a dry and well-ventilated place away from children. Keep the product away from food and feed.

7.3. Specific end use(s)

Use the product as it is. Do not combine the product with other products or chemicals. When use this product wear the appropriate equipment for personal protection.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

8.2. Exposure controls

a) Safety handling and use of product as it is

Eye/face protection	Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate standards such as EN 166 (Code 3: against drops and splashes of liquids)
Skin protection	Handle with latex gloves
Body protection	It is no needed
Respiratory protection	The product does not contain hazardous chemicals on health and safety. Respiratory personal protection equipment should be used in case of fumes from a fire. The equipment must meet the requirements of EN 149 and the filter requirements of EN 143

If swallowed Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Never give anything by mouth to an unconscious person.

b) Safety handling and use of product after dilution (2g per liter)

No specific handling measure are required. In case of daily and long time use of the diluted product it may be needed the use of gloves (latex).

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Form:	liquid
Colour:	Orange
Odour:	Characteristic odor vinegar/apple
Odour Threshold:	no data available
pH	6-7
Melting point / freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	not applicable
Evaporation rate	no data available
Flammability	not flammable
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	no data available
Water solubility	100% soluble
Partition coefficient: n-octanol/water	no data available
Autoignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

9.2. Other information

Density: 1,02g/ml at 20⁰C

10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

11: TOXICOLOGICAL INFORMATION

Acute toxicity	No data available
Irritation	No data available
Corrosivity	No data available
Sensitisation	No data available
Repeated dose toxicity	No data available
Carcinogenicity	No data available
Mutagenicity	No data available
Toxicity for reproduction	No data available

11.1. Information on toxicological effects

No data available

12: ECOLOGICAL INFORMATION

12.1. Toxicity

No data available

12.2. Persistence and degradability

The product is degradable. All surfactants used in that product are in accordance with biodegradability criteria referred in EC Regulation 648/2004 for detergents.

12.3. Bioaccumulative potential

The product has not any bioaccumulative potential

12.4. Mobility in soil

The product is very soluble in water.

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

The product has not any harmful effects on the environment. It does not destroy the ozone layer and it does not contribute to the creation of smog.

13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

The waste packaging management should be in compliance with national legislation. The product does not contain any toxic element for the environment.

14: TRANSPORT INFORMATION

This product is not classified as hazardous and therefore no special precautions for handling is needed.

14.1. UN number

ADR/RID: - IMDG: - IATA: -

14.2. UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3. Transport hazard class (es)

ADR/RID: - IMDG: - IATA: -

14.4. Packing group

ADR/RID: - IMDG: - IATA: -

14.5. Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

15: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available

15.2. Chemical safety assessment

No data available

16: OTHER INFORMATION

•Text of H-code(s) and P-phrase(s) mentioned in Section 3

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

P102	Keep out of reach of children.
P264	Wash ... thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P310	Immediately call a POISON CENTER or doctor/physician.
P352	Wash with plenty of soap and water.
P302+P350	IF ON SKIN: Gently wash with plenty of soap and water.

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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Cobart Chemicals declares that the above information is believed to be correct and in accordance with current legislation (according to MSDS version date or revised date) but does not purport to be all inclusive and shall be use only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions