

AIR ALIXO BIODEGRADABLE COIL CLEANER

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

1.1. Product identifier

Product name : AIR ALIXO BIODEGRADABLE COIL CLEANER

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

Use of substance / mixture: Biodegradable Evaporator cleaner
Biodegradable cleaner for heating batteries

1.3. Details of the supplier of the safety data sheet

Company name: Xilio NV
Vijverhoek 53
8520 Kuurne
Belgium

Tel: +32 56 36 30 18
Email : info@xilio.eu
Web : www.xilio.eu

1.4. Emergency telephone number

Emergency tel: (BE) 070 245 245 – (LU) 8002 5500
(NL) 030 274 8888 (FR) 03 83 22 50 50
(AT) 01 406 43 43 – (CH) : 145
(DE) www.vergiftungszentrale.de

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Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Dam. 1: H318; Skin Irrit:H315
Most important adverse effects: Causes severe skin irritation. Causes serious eye damage.

2.2. Label elements

Hazard statements: H315: Causes skin irritation.
H318: Causes serious eye damage
Signal words: Danger
Hazard pictograms: GHS05: Corrosion



Precautionary statements: P261: Avoid breathing spray.
P262: Do not get in eyes, on skin, or on clothing.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/
eye protection/face protection.
P302+P350: If on skin: Gently wash with plenty of soap and water
P303+361+353: If on skin: immediately remove contaminated clothing
rinse with soap and water
P301+330+331: If swallowed: rinse mouth. Do NOT induce vomiting.
P305+351+338: IF IN EYES: Rinse cautiously with water for several
minutes. Remove contact lenses, if present and
easy to do. Continue rinsing.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

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Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DISODIUM METASILICATE

EINECS	CAS	PBT / WEL	CLP-classificatie	%
229-912-9	6834-92-0	/	STOT SE3:H335 Skin Corr. 1A: H314	0,1-1,2%

DPM

252-104-2	34590-94-8	Substance with a community workplace exposure limit		<0,1-1,2%
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SODIUM ALKYL BENZENE SULPHONATE

285-600-2	85117-50-6	-	Acute TOX.4 H302 Skin irrit. 2 H315 Eye dam 1: H318	<0,1-1,2%
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TRISODIUM NITRILOTRIACETATE

225-768-6	5064-31-3	-	Carc 2:H351 Acute Tox4 H302 Eye irrit. 2: H319	<0,2%
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QUATERNARY ALKYL METHYL AMINE ETHOXYLATE METHYL CHLORIDE

-	-	-	Acute Tox4: H302 Skin irrit.2:H315 Eye dam.1: H318 Aquatic acute 1 H400	<0,2%
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Non-classified ingredients:

NON-IONIC SURFACTANT:

EINECS	CAS	PBT / WEL	CLP-classificatie	<0,2%
-	68991-48-0	-	Eye Dam. 1: H318 Skin irrit. H315	

AMPHORETIC SURFACTANT:

-	14960-06-6	-	Eye Dam. 1: H318 Skin irrit.2 H315	<0,2%
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Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

- Skin contact:** There may be irritation and redness at the site of contact
- Eye contact:** There may be irritation and redness. The vision may become blurred.
The eyes may water profusely.
May cause permanent damage.

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Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Corrosive. In combustion emits toxic fumes

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: In bulk packaged form, do not discard into drains, sewers or surface water courses. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel. familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

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Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area, out of frost.
Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): Biodegradable condensor cleaner
Biodegradable cleaner for heating batteries

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC : No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Respiratory protection not required. Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Environmental: In bulk packaged form, do not discard into drains, sewers or surface water courses.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid
Colour:	Transparent, yellowish liquid
Odour:	Irritating odour
Evaporation rate:	Slow
Solubility in water:	Soluble
pH:	8,6

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

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10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DISODIUM METASILICATE

ORL	MUS	LD50	>5000	mg/kg
ORL	RAT	LD50	>5000	mg/kg

AMPHORERIC SURFACTANT

DERMAL	RAT	LD50	>5000	mg/kg
ORAL	MUS	LD50	>5000	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: There may be pain and redness. The vision may become blurred. The eyes may water profusely. Corneal burns may occur. May cause permanent damage.

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Ingestion:	Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.
Inhalation:	There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.
Other information:	Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

AMPHOTERIC SURFACTANT,

Daphnia magna	EC50	> 6 - < 70	mg/l
Fish	96HLC50	> 60 - < 600	mg/l

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: The biodegradability of the surfactants contained in this product are in accordance with the requirements of the EU Detergent Regulation (EC/648/2004).
Readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil. Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

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12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations : Transfer to a suitable container and arrange for collection by specialised disposal company. Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the other possible disposal operations (e.g. evaporation, drying, calcination, etc.).

Recovery operations: Recovery of components used for pollution abatement.
Waste code number 16 03 03

Disposal of packaging: Clean with water. Dispose of as normal industrial waste. May be reused following decontamination.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

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Section 15: Regulatory information

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

Specific regulations: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of the 16th December 2008 on Classification, labelling and packaging of Substances and Mixtures. The biodegradability of the surfactants contained in this product are in accordance with the requirements of the EU detergent regulation (EC/648/2004)

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 830/2015.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation
H318: Causes serious eye damage
H319: Causes serious eye irritation
H335: May cause respiratory irritation
H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other exposure cause the hazard>
H400: Toxic to aquatic life

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

END of Safety Data Sheet

1.0