

our safety data sheet for...

Natural Disinfectant



1. Identification of the substance/mixture & of the company/undertaking

1.1 Product Identifier

Product Name: Natural Disinfectant
Product Code: NDF050DEL01C (concentrate)

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

Use of the Substance/Mixture: Hard surface natural disinfectant / sanitiser cleaner.
Recommended restrictions on use: We do not have information on restrictions. They will be included when available.

1.3 Details of the supplier of the safety data sheet

Company: Delphis Eco, Sustainable Workspaces, 25 Lavington Street, London SE1 ONZ

1.4 Emergency telephone number

Emergency phone number: t. 0203 397 0096 (office hours only) e: sales@delphiseco.com

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification under CLP: Eye Dam. 1: H318; Skin Irrit. 2: H315
Most important adverse effects: Causes skin irritation. Causes serious eye damage.

2.2 Label elements

Label elements:
Hazard statements: H315: Causes skin irritation.
H318: Causes serious eye damage.
Signal words: Danger
Hazard pictograms: GHS05: Corrosion
Precautionary statements: P264: Wash hands thoroughly after handling.
P280: Wear protective gloves and eye protection.
P302+350: IF ON SKIN: Gently wash with plenty of soap and water.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor/physician.



2.3 Other hazards

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

3. Composition/Information on Ingredients

3.2 Mixtures

Ingredient Name	EINECS	CAS	CLP Classification	Percent
LACTIC ACID	201-196-2	79-33-4	Skin Irrit. 2: H315; Eye Dam. 1: H318	20-40%
C8-C10-ALKYL GLUCOSIDES	500-220-1	68515-73-1	Eye Dam. 1: H318	5-15%
SODIUM HYDROXIDE	215-185-5	1310-73-2	Skin Corr. 1A: H314	1-5%

Contains: Contains: LACTIC ACID, C8-C10-ALKYL GLUCOSIDES.

4. First Aid Measures

4.1 Description of first aid measures

Eye contact: Avoid contact with eyes, if product gets into eyes, rinse with water.
Skin contact: Avoid contact with skin, if product gets onto skin wash with water and remove contaminated clothing.
Ingestion: Do not drink, if swallowed drinking water may be beneficial, do not induce vomiting.
Inhalation: Avoid inhaling product, move to fresh air if in discomfort.

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 pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
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 the chest.
Delayed effects: Immediate effects can be expected after short-term exposure.



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4.3 Indication of any immediate medical attention and special treatment needed

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

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 mixture

Exposure hazards: Not applicable.

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.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and materials for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

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

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. 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. Keep container tightly closed.

7.3 Specific end use(s)

Specific end use(s): No data available.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Hazardous ingredients:

SODIUM HYDROXIDE

Workplace exposure limits:

State	8 hour TWA	15 min. STEL	Respirable dust	8 hour TWA	15 min. STEL
UK	-	2 mg/m ³	-	-	-

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Not normally required. However, inhalation of vapour or spray should be avoided.

Hand protection: Wear protective gloves.

Eye protection: Wear safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Not applicable..

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

State: Liquid
Colour: Colourless
Odour: Pleasant
Solubility in water: Soluble
Boiling point/range°C: >100



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Melting point/range°C: >0
pH: 2.0-3.0

9.2 Other information

Other information: No data available.

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.

10.4 Conditions to avoid

Conditions to avoid: Heat.

10.5 Incompatible materials

Materials to avoid: No data available.

10.6 Hazardous decomposition products

Haz. decomp. products: No data available.

11. Toxicological Information

11.1 Information on toxicological effects

Hazardous ingredients:

SODIUM HYDROXIDE

IPR	MUS	LD50	40 mg/kg
ORL	RBT	LDLO	500 mg/kg

Relevant effects for mixture:

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

Skin contact: There may be irritation and redness at the site of contact.

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

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 the chest.

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

12. Ecological Information

12.1 Toxicity

Ecotoxicity values: No data available.

12.2 Persistence and degradability

Persistence and degradability: Biodegradable.

12.3 Bio-accumulative potential

Bioaccumulative potential: The product does not contain any substances expected to bio-accumulate.

12.4 Mobility in soil

Mobility: Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

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

12.6 Other adverse effects

Other adverse effects: No data available.



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13. Disposal Recommendations

13.1 Waste treatment methods

Disposal operations: Small amounts of unwanted product may be flushed with water to sewer.
Disposal of packaging: Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information

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

15. Regulatory Information

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

15.2 Chemical safety assessment

16. Other Information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. * indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

Training Advice: Normal use of this product shall imply use in accordance with the instructions on the packaging. Users should be trained in good industrial hygiene practise. This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH). Do not mix with other chemicals.

Date: 30.08.19

Legal Disclaimer: The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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