

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)

Version : 1.5 (29-05-2012)



The Power of Precision Cleaning

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

- Product name : Concentrate Biozone Liquid

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

- Cleaning Solution.

1.3. Details of the supplier of the safety data sheet

- Registered company name : D&S Ultra-Clean Ltd
- Address : 6 Berkeley Court, Manor Park, Runcorn, Cheshire WA7 1TQ. ENGLAND
- Telephone : +44 (0)1928 580460. Fax : +44 (0)1928 581058.
- E-mail : sales@ds-ultra.com
- www.ds-ultra.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

- Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

- This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.
- This mixture does not present a health hazard.
- This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

- Detergent mixture (see section 15).

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

- No labelling requirements for this mixture.
- Risk phrase :

Safety data sheet available for professional user on request.

2.3. Other hazards

- The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

- No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	67/548/EEC	Note	%
CAS: 68991-48-0	GHS07			
	Wng	Xi		2.5 <= x
ALCOHOLS, C7-21,	Eye Irrit. 2, H319	Xi;R36		% < 10

ETHOXYLATED

CAS: 64-02-8

EC: 200-573-9

REACH: 01-

2119486762-27

GHS07, GHS05

Dgr

Acute Tox. 4, H302

Eye Dam. 1, H318

Acute Tox. 4, H332

Xn

Xn;R20-R22

Xi;R41

1 ≤ x %
< 2.5

TETRASODIUM

ETHYLENE DIAMINE

TETRAACETATE

SECTION 4 : FIRST AID MEASURES

- As a general rule, in case of doubt or if symptoms persist, always call a doctor.
- NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :

- Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
- If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

- Wash the skin thoroughly with soap and water or a recognised cleaner.

In the event of swallowing :

- Seek medical attention, showing the label.

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

- No data available.

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

- No data available.

SECTION 5 : FIREFIGHTING MEASURES

- Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

- In the event of a fire, use :
 - - sprayed water or water mist

5.2. Special hazards arising from the substance or mixture

- A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
- Do not breathe in smoke.
- In the event of a fire, the following may be formed :
 - - carbon monoxide (CO)
 - - carbon dioxide (CO₂)

5.3. Advice for firefighters

- No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- Consult the safety measures listed under headings 7 and 8.

For fire-fighters

- Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

- Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
- Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

- Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

- No data available.

SECTION 7 : HANDLING AND STORAGE

- Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

- Always wash hands after handling.

Fire prevention :

- Prevent access by unauthorised personnel.

Recommended equipment and procedures :

- For personal protection, see section 8.

- Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

- No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

- No data available.

Packaging

- Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

- No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

- No data available.

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

- Use personal protective equipment that is clean and has been properly maintained.
- Store personal protective equipment in a clean place, away from the work area.
- Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

- Avoid contact with eyes.
- Use eye protectors designed to protect against liquid splashes
- Before handling, wear safety goggles in accordance with standard EN166.

- Hand protection

- Wear suitable protective gloves in the event of prolonged or repeated skin contact.

- Body protection

- Work clothing worn by personnel shall be laundered regularly.
- After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state : fluid liquid.

Colour: Blue.

Important health, safety and environmental information

Density : 1.01 - 1.03

slightly basic.

pH : Not stated.

Flash point interval : not relevant.

Vapour pressure : not relevant.

Water solubility : Dilutable.

pH range : 9.0 - 9.7

9.2. Other information

- No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

- No data available.

10.2. Chemical stability

- This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

- No data available.

10.4. Conditions to avoid

- Avoid :
- - frost

10.5. Incompatible materials

- No data available.

10.6. Hazardous decomposition products

- The thermal decomposition may release/form :

- - carbon monoxide (CO)
- - carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

- Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

11.1.1. Substances

Acute toxicity :

TETRASODIUM ETHYLENE DIAMINE
TETRAACETATE (CAS: 64-02-8)

Oral route : DL50 > 1000 mg/kg
Species : Rat (recommended by the CLP)

11.1.2. Mixture

- No toxicological data available for the mixture.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

- Substances classified as category 1 acute toxicity :

TETRASODIUM ETHYLENE DIAMINE
TETRAACETATE (CAS: 64-02-8)

Fish toxicity : CL50 > 100 mg/l
Crustacean toxicity : CE50 > 100 mg/l
Algae toxicity : CEr50 > 100 mg/l

12.1.2. Mixtures

- No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

- To be translated (XML)

12.3. Bioaccumulative potential

- No data available.

12.4. Mobility in soil

- No data available.

12.5. Results of PBT and vPvB assessment

- No data available.

12.6. Other adverse effects

- No data available.

German regulations concerning the classification of hazards for water (WGK) :

- WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

- Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

- Do not pour into drains or waterways.

Waste :

- Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
- Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
- Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

- Empty container completely. Keep label(s) on container.
- Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

- Exempt from transport classification and labelling.
 - Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2011 - IMDG 2010 - ICAO/IATA 2011).
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SECTION 15 : REGULATORY INFORMATION

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

- Particular provisions :

- No data available.

- Labelling for detergents (EC Regulation No. 648/2004, 907/2006) :

- - less than 5 % : cationic surfactants
- - 5 % or over but less than 15 % : nonionic surfactants
- - less than 5 % : EDTA and salts thereof

- German regulations concerning the classification of hazards for water (WGK) :

- Germany : WGK 1 (VwVwS vom 27/07/2005, KBws)

15.2. Chemical safety assessment

- No data available.

SECTION 16 : OTHER INFORMATION

- Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.
- The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.
- It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.
- The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Title for H, EUH and R indications mentioned in section 3 :

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
R 20	Harmful by inhalation.
R 22	Harmful if swallowed.
R 36	Irritating to eyes.
R 41	Risk of serious damage to eyes.

Abbreviations :

- ADR : European agreement concerning the international carriage of dangerous goods by Road.
- IMDG : International Maritime Dangerous Goods.
- IATA : International Air Transport Association.
- ICAO : International Civil Aviation Organisation
- RID : Regulations concerning the International carriage of Dangerous goods by rail.
- WGK : Wassergefährdungsklasse (Water Hazard Class).

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