



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

UNDERHÅLL

According to Regulation (EU) No. 1907 / 2006 (REACH) and the Regulation (EU) No. 453/2010

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

1.1 Product identifier.

CEMENTFABRIKEN® UNDERHÅLL

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

Recommended use: Floor cleaner for cleaning and polishing of CEMENTEC® systems. Discouraged applications: All that use not specified here or in section 7.3.1.3

Details of the supplier of the safety data sheet.

Company: Cementfabriken Scandinavia AB

Address: Råsundavägen 133A

169 50 Solna, Sweden

Telephone: 0046 8 128 195 95

e-mail: info@cementfabriken.se

1.4 Emergency phone number.

Office hours 8:00-18:00: 0046 8 128 195 95

National Poison Control Centre: 112

SECTION 2. HAZARDS IDENTIFICATION

2.1 classification of the substance or mixture:

According to Regulation CE 1272 / 2008:

Eye irritation, 2 H319: causes serious eye irritation.

According to Dir. 67/548/EEC and 1999/45/EC:

Not classified as hazardous to health or the environment.

2.2 label elements:

According to Regulation CE 1272 / 2008: Pictograms:



Word of warning: attention

Indications of danger: H319: causes serious eye irritation.

Safety advice:

P101: If you need medical advice, have on hand the container or the label.

P102: Keep out of reach of children.

P103: Read the label before use.

P264: Wash thoroughly after handling.

P280: Wear protective gloves/clothing/goggles/mask.

P305 + P351 + P338: in case of eye contact: Rinse carefully with water for several minutes. Remove contact lenses, if it takes and it is easy. Follow by rinsing. P337 + P313: If eye irritation persists: consult a doctor.

According to directives 67/548/EEC and 1999/45/EC:



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

EEC symbol: none Risk phrases: no Safety phrases:

S2: keep out of the reach of children

S46: If swallowed, will immediately seek medical advice and show this container or label.

2.3 Other hazards:

Mix that it does not meet the PBT or vPvB criteria

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTES

3.1 Chemical description:

Mix: Scented aqueous solution with surfactants.

3.2 Hazardous components:

Substances that are involved in a percentage higher than the exemption limit and present a danger to health or the environment, or with a recognized exposure limit:

Identifiers	Ingredients	% w/w	Classification according to Dir. 67/548/EC / Regulation 1272 / 2008 (*)
NO. CAS: 67-63-0 NUMBER EINECS: 200 - 661-7 Number Index: 603-11700-0 N ° Reg. REACH: 01-2119457558-25	Propan-2-ol	1% ≤ c < 5%	F, Xi: R11-36-67 Flam Liq 2: H225 Eye Irrit 2: H319 STÖT IS 3: H336
NO. CAS: 26183-52-8 EINECS NO.: 500 - 046-6 No. Index: n.d. N° reg.. REACH: n.d.	Non-ionic surfactant	1% ≤ c < 5%	[Xn, Xi: R22-36/38] * [Acute Tox 4: H302] Eye Irrit 2: H319 Skin Irrit 2: H315]***
NO. CAS: 68891-38-3 EINECS NO.: 500 - 234-8 No. Index: n.d. N° reg.. REACH: 01-2119488639-16	Anionic surfactant	1% ≤ c < 5%	[Xi: R36/38] * [Eye Irrit 2: H319 [Skin Irrit 2: H315] *

(**) See full text of phrases R and H mentioned under heading 16

[] * Classification not established by the Regl. No. 1272 / 2008 (CLP) but by the manufacturer/supplier

SECTION 4. FIRST AID

4.1 Description of first aid:

The current composition of the product information has been forwarded to toxicological information (National Institute of Toxicology). In case of poisoning call the medical service of toxicological information: phone (24 hours) 91.562.04.20

General: in cases of doubt, or when symptoms of discomfort persist, seek medical attention. If stops breathing or shows signs of fainting apply artificial respiration (mouth to mouth you can't breath when this



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

has been contaminated by the product). Do not administer never anything orally to persons who are unconscious. In case of contact with eyes and skin, treat the eyes first. See symptoms and effects in Chapter 11.

After skin contact: in case of contact, it is recommended to clean the affected area with water with neutral SOAP and carryover. In the event of alterations in the skin (itching, redness, rashes, blisters...), go to medical consultation with this safety data sheet.

After contact with eyes: flush eyes with plenty of water at room temperature for at least 15 minutes. Prevent the affected rub or close your eyes. In the event that the rugged use contact lenses, these should be removed whenever they are not glued to the eyes, otherwise additional damage could occur. In case of discomfort, go to the doctor with the FDS of the product.

After ingestion: do not induce vomiting, in the event that occurs to keep leaning your head forward to prevent aspiration. Keep the affected at rest. Rinsing the mouth and throat, since there is the possibility of that have been affected in the intake.

After inhalation: product not classed as dangerous by inhalation, however, it is recommended for symptoms of poisoning take to the plaintiff of the venue, provide air clean and keep the rest. When symptoms persist, seek medical attention.

4.2 Main symptoms and effects, acute and delayed:

They are waiting for acute effects. Symptoms or delayed effects are not known.

4.3 Indication of medical attention and special treatments that need to be immediately dispensed:

Symptomatic treatment.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable: all means, adapt to the environment materials. Preferably use Multipurpose powder (ABC powder)

Unsuitable: not recommended to use water jet as extinguishing agent

5.2 Specific hazards arising from the substance or mixture:

Non-flammable product under normal conditions of storage, handling and use. As a result of combustion or thermal decomposition reaction by-products generated (CO₂, CO, NO_x,...) that can be highly toxic and, as a result, they can present a high risk for health.

5.3 Recommendation for fire-fighting personnel:

Protective equipment for fire-fighting personnel: boots, raincoats, gloves and protective goggles. If there is fire, wear self-contained breathing apparatus (details in Chapter 8).

Additional information: cool with water spray containers close to source of heat or fire. Do not pour water chemically contaminated soil, water or drains. Take the necessary measures to retain the water used, for subsequent disposal according to local regulations.



SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

No special required potential exposures with the spilled product (see Chapter 8). Avoid stepping on spills, slick product.

6.2 Environmental precautions:

Product not classed as dangerous for the environment, however, should prevent the pollution of soil, water or drains, with the pure product, courses without previously diluted in plenty of water. In case of large spills of the pure product, notify to the competent authorities.

6.3 Methods and materials for containment and cleaning:

Absorb spill using sand or absorbent inert and move it to a safe place. For any consideration on the disposal consult the heading 13. Do not absorb in sawdust or other combustible absorbents. Rinse the area of the spill with plenty of water.

6.4 Referencing other sections:

See sections 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

General precautions: Comply with current legislation on safety and health at work. Do not eat, drink or smoke while handling. After handling, wash your hands with SOAP and water. For control of exposure and personal protection measures, see Chapter 8. Avoid free pouring from the vessel. Maintain order and cleanliness where dangerous products are handled.

Technical recommendations for the prevention of fires and explosions: Non-flammable product under normal conditions of storage, handling and use. Consult the heading 10 on conditions and matters that should be avoided.

Technical recommendations to prevent ergonomic and toxicological risks: Take off clothing and contaminated protective equipment before entering the areas of eating.

Technical recommendations to prevent environmental risks: It is recommended to dispose of absorbent material in the vicinity of the product (see Chapter 6.3).

7.2 Conditions for safe storage, including possible incompatibilities:

Measures of storage techniques:

ITC (R.D.379/2001): Not applicable.

Classification: Not applicable.

Minimum temperature: 5 ° C

Maximum temperature: 30 ° C

Maximum time: > 36 months

General terms and conditions of storage:

Avoid sources of heat, radiation, static electricity and food contact. Store only in original, tightly closed container and dry site.

7.3 Specific end-uses:

Cleaner scented soil by application diluted by MOP of household and professional...Avoid contact with eyes.



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

The individual substances (VLA) environmental exposure limits:

Identification	VLA-ED		VLA-EC		SOURCE / YEAR
	ppm	mg/m ³	ppm	mg/m ³	
Propan-2-ol (CAS No. 67-63-0; (EC 200-661-7)	200	500	400	1000	INSHT / 2014

Limit biological (VLB) values: Not established for the individual components.

DNEL values (no effect for health level): not relevant.

Values PNEC (predicted no effect to aquatic organisms concentration): not relevant


8.2 The exposure controls:

Measures General safety and health in the work environment: As preventive measure is recommended the use of basic personal protective equipment, with the corresponding "CE marking" according to the Royal Decree 1407 / 1992. For more information about personal protective equipment (storage, use, cleaning, maintenance, protection class,...) consult the brochure provided by the manufacturer of the EPI. The instructions contained in this point refer to the pure product. The measures of protection for the diluted product may vary depending on the degree of dilution, use, method of application, etc. With the rules concerning the storage of chemicals applicable to each case, be taken into account to determine the obligation of installing showers of emergency and/or eyewash in stores. For more information see Chapter 7.1 and 7.2.

Technical measures: not necessary to observe precautions on handling and storage recommended. Individual protection measures:

Respiratory protection: Not necessary.

Specific hand protection: use protective gloves if contact is prolonged or repeated.

Pictogram PRL	EPI	Marking	CEN standards	Observations
	Chemical protection gloves		EN374-1:2003 EN374-3:2003 / AC: 2006 EN420: 2003 + A1	Replace the gloves before any indication of impairment.

Ocular and facial protection: protection in case of risk of splash goggles are recommended.

Pictogram PRL	EPI	Marking	CEN standards	Observations
	Panoramic glasses against splatter/or projections		EN166:2001 EN172:1994/A1:2000 EN172:1994/A2:2001 EN165:2005	Cleaned daily and disinfected periodically according to the manufacturer's instructions.



Body protection: not required but, where appropriate, use:

Pictogram PRL	EPI	Marking	CEN standards	Observations





PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

	Work clothes		EN340:2003	Exclusive use in the work.
	Non-slip work shoes		EN ISO 20347:2004 / A1:2007 EN ISO 2034:2011	No

Complementary emergency measures:

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSIZ358-1 ISO 3864-1:2002	 Eyewash	899 12 DIN ISO 3864-1:2002

8.3 Environmental exposure controls:

Under the Community legislation for the protection of the environment should avoid dumping both the product and its container environment. For more information see Chapter 7.1

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

- Physical state at 20 ° C: liquid Fluid appearance: Opaque
- Color:Blue
- Odor:Scented
- 100% pH: 7.0-9.0
- Density at 20 ° C:980-1020 kg/m³
- Density at 20 ° C: relative0,980 - 1.020
- Density at 20 ° C: not relevant steam *
- Dynamic viscosity at 20 ° C: not relevant *
- Kinematic viscosity at 20 ° C: not relevant *
- Temperature boiling under atmospheric pressure:99° C
- Vapour pressure at 20 ° C: 2380PA
- Vapour pressure at 50 ° C: 12528Pa (13 kPa)
- Rate of evaporation at 20 ° C: not relevant *
- Solubility in water at 20 ° C: Soluble
- Decomposition temperature: not relevant *
- Flash point: non-flammable (IP > 65 ° C)
- Autoignition temperature: not relevant *
- Lower flammable limit: not relevant *
- Upper flammable limit: not relevant *
- Oxidizing properties: not relevant *
- Explosive properties: not relevant *
- Coefficient n-octanol/water (log Pow): not relevant *

9.2 Additional information:

- Surface tension at 20 ° C: not relevant *
- Refractive index: not relevant *



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

Pursuant to the Royal Decree 117/2003 (Directive 1999/13/EC), this product has the following characteristics:

V.O.C. (services): 3.43 WT %

Concentration V.O.C. at 20 ° C: 34.96 Kg/m³ (34.96 g/l)

Average number of carbons: 3

Average molecular weight: 60.1 g/mol

(*) Not relevant due to the nature of the product, not providing characteristic of dangerous information.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:

Dangerous reactions if storage of chemicals technical instructions are met are not expected to. See Chapter 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

No dangerous reactions that may cause pressure or excessive temperatures are expected under the conditions specified.

10.4 Conditions to avoid:

Shock and friction	Contact with the air	Warming	Solar light	Moisture
Not applicable	Not applicable	Avoid direct incidence	Avoid direct incidence	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidizing substances	Combustible materials	Other
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.6 Hazardous decomposition products:

Depending on the conditions of decomposition, as a result of this, complex mixtures of chemical substances can release: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on the toxicological effects:

In case of repetitive, prolonged exposure or at concentrations greater than those established by the professional exposure limits, adverse effects to health on the basis of the route of exposure may occur: Eye contact: Produces irritation through contact direct with the eyes

Skin contact: May cause mild irritation in case of prolonged or repeated contact with the skin.

Ingestion : Can cause irritation in the digestive tract and in the buccal Mucosae

Inhalation: Product is not classified as hazardous by inhalation with acute, chronic or irreversible effects.



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

11.2 Substances-specific toxicological data:

Identification	Acute toxicity		Genus
	Oral LD50	Dermal LD50	
Propan-2-ol (CAS No. 67-63-0; EC: 200 - 661-7)	Oral LD50	5280 mg/Kg	Rat
	Dermal LD50	12800 mg/Kg	Rat
	LC50 inhalation	72.6 mg/L (4 h)	Rat
Non-ionic surfactant (CAS No. 26183-52-8; EC: 500 - 046-6)	Oral LD50	500 mg/Kg	Rat
	Dermal LD50	-	-
	LC50 inhalation	-	-
Anionic surfactant (CAS No. 68891-38-3; EC: 500 - 234-8)	Oral LD50	4100 mg/Kg	Rat
	Dermal LD50	-	-
	LC50 inhalation	-	-

11.3 Awareness:

The product is not classified as hazardous with sensitising effects, not introducing substances classified as dangerous with sensitising effects beyond the limits set out in annex I, point 3.2 of the Regulation (EC) 453/2010.

11.4 Specific toxicity in specific organs (STÖT):

Unique exhibition: The product is not classified as dangerous for this effect, however substances classified as dangerous for this effect.

Repeated exposure: The product is not classified as dangerous by this effect, not introducing substances classified as dangerous for this effect. For more information, see section 3.

11.5 CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

Product is not classified as hazardous with effects that are carcinogenic, mutagenic or toxic to reproduction, not introducing substances classified as dangerous for the described effects. For more information, see Chapter 3.



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

SECTION 12. ECOLOGICAL INFORMATION

They do not have the mixture in itself experimental data relating to the ecotoxicological properties. They are those of the individual components.

12.1 Ecotoxicity:

Unavailable data.

Identifying individual substance	Acute toxicity		Species	Genus
Propan-2-ol (CAS No. 67-63-0; EC: 200 - 661-7)	LC50	9640 mg/L (96 h)	Pimephales promelas	Fish
	EC50	13299 mg/L (48 hours)	Daphnia magna	Crustacean
	EC50	1000 mg/L (72 h)	Scenedesmus subspicatus	Alga
Anionic surfactant (CAS No. 68891-38-3; EC: 500 - 234-8)	LC50	7.1 mg/L (96 h)	Danio rerio	Fish
	EC50	7.4 mg/L (48 hours)	Daphnia magna	Crustacean
	EC50	27 mg/L (72 h)	Scenedesmus subspicatus	Alga

12.2 Persistence and degradability:

The formulated data not available. Surfactants contained in this mixture meets the criteria biodegradability as stipulated in Regulation CE 648/2004 on detergents. Data to justify this assertion are at the disposal of the competent authorities of the Member States and upon direct notice or upon notice from a producer of detergents will be shown them.

12.3 Bioaccumulation potential:

Unavailable data.

Identifying individual substance	Bioaccumulation potential	
Propan-2-ol (CAS No. 67-63-0; EC: 200 - 661-7)	BCF	3
	Log POW	0.05
	Potential	under

12.4 Mobility:

No available data of the formulated, but given its total solubility is expected in major water and soil mobility.

12.5 Results of vPvB and PBT assessment:

Substance that does not meet the PBT or vPvB criteria

12.6 Other adverse effects:

Not described.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Methods for the treatment of waste:

Code	Description	Type of waste (Dir 2008/98/EC)
20 01 30	Detergents other than those specified in the code 20 01 29	Not dangerous



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

Small quantities: dilute with plenty of water in plant treatment and conditions controlled by trained personnel. The resulting waters can pour into the public sewer, as dumping assimilable to urban, but always in accordance with the local/national regulations on waste water discharges.

Large quantities: product residues should be stored and labelled for their subsequent revaluation or disposal by waste Manager authorized in accordance with national/European regulations in this regard.

13.2 Packaging waste management:

Whenever possible, reusing containers according to the SDDR system. This, for after emptied the container, rinse with plenty of water container and reuse water washing in the activity or production process, or treat the effluent as a waste product as indicated in paragraph 13.1.

Clean and empty containers can be reused in accordance with the local/national/European laws in force, or removed for its subsequent revaluation or disposal by incineration, by authorized urban or industrial waste Manager, as the case may be, in accordance with national/European regulations.

Contaminated empty containers must be managed and collected by authorised waste Manager, always in accordance with national/European regulations in this regard.

13.3 Legislative provisions relating to waste management:

Community legislation (Directive 2008/98/EC, 2000/532/EC: Commission Decision of 3 May 2000) or State related to the management of the waste.

SECTION 14. TRANSPORT INFORMATION

14.1. International transport regulations

Product not dangerous for transport. Not subject to the provisions of ADR / RID / IMDG / IATA

SECTION 15. REGULATORY INFORMATION

15.1 Regulation and legislation on safety, health and environment specific to the substance or mixture:

Composition communicated to the National Institute of toxicology.

Substances candidates for authorization in Regulation (EC) 1907 / 2006 (REACH): not applicable.

Restrictions on the marketing and use of certain hazardous substances and mixtures (annex XVII of the REACH regulation): no

Regulation EC 1005 / 2009 on substances that Deplete the ozone layer: not applicable.

Regulation EC 689/2008, concerning the import of dangerous chemicals: not applicable.

Active substances which have not been included in annex I or IA of Directive 98/8/EC: not applicable.

Labelling in accordance with Royal Decree 770/1999 and Regulation EC 648/2004 on detergents:

Do not ingest.

Kept out of the reach of children.

RESTRICTED TO PROFESSIONAL USE

Data sheet security available to the professional user who requests it.

In case of accident consult the medical service of toxicological information (phone: 91 562 04 20).

Composition: among other components:



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

Component	Concentration range
Anionic and non-ionic surfactants	< 5%
Perfume	< 5%

Special provisions on the protection of persons or the environment:

The information collected on this form of security data as input in a risk assessment of local circumstances in order to establish the measures of prevention of risks for the handling, use, storage and disposal of this product is recommended.

15.2 Chemical safety assessment:

Not required.

SECTION 16. OTHER INFORMATION

Information about dosage and form of employment: label and product sheet Full text of the legislative phrases referred to under heading 3:

Directive 67/548/EC and Directive 1999/45/EC:

- R11: Highly flammable.
- R22: Harmful if swallowed.
- R36: Irritating to eyes.
- R36/38: Irritates eyes and skin.
- R67: Vapours may cause drowsiness and dizziness.

Regulation No. 1272 / 2008 (CLP):

- H225: Highly flammable vapors and liquids.
- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.

Training tips:

Recommended minimum training in occupational health staff who will manipulate this product, in order to facilitate the understanding and interpretation of this data security, as well as the labelling of the product tab.

Main bibliographic sources:

<http://ecb.jrc.ec.europa.eu/esis>

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Safety data sheets of each component

Abbreviations used, not specified in sections 1 to 16:

< : less than; ≤ : less than or equal to; > : greater than; ≥ : greater than or equal to CAS: Chemical Abstracts Service (division of the American Chemical Society).

EINECS: European Inventory of Existing Commercial Substances. REACH: Registry, Evaluation and Authorization of Chemicals PBT: Persistent, Bioaccumulable and toxic.

vPvB: very persistent and very bioaccumulative. VLA-ED: Value environmental limit - daily exposure; VLA-EC: Environmental limit value - short.

INSHT: National Institute of safety and hygiene at work

CEN: Comité Européen de Normalisation (European Committee for Standardization) .

LC50 : Lethal concentration 50%.

LD50 : Lethal dose 50%.



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

EC50 : Effective concentration 50%

STÖT is: Specific toxicity in specific organs (STÖT), unique exhibition (SE)

STÖT RE: Specific toxicity in specific organs (STÖT), repeated exposure (RE)

BCF: Bioconcentration factor (Bioconcentration factor);

Log P_{ow}: Octanol/water partition coefficient

ITC: Complementary technical instruction for the storage of hazardous chemicals

SEVESO: Name common of the regulations relating to the control of major accident hazards involving dangerous substances n.a.: not applicable.

n.d.: not available

The present tab overrides the revision 0 2 and refreshes it according to the applicable legislation on dangerous preparations, biocides, detergents or bleach in sections: 1, 2, and 11

The information contained in this safety data sheet is based on sources, technical knowledge and legislation European and State, cannot guarantee the accuracy of the same. This information cannot be considered as a guarantee of the properties of the product, it is simply a description in terms of security requirements. Methodology and working conditions of the users of this product are outside our knowledge and control, always remain the ultimate responsibility for the user taking the necessary measures to comply with the legislative requirements regarding handling, storage, use and disposal of chemicals. The information in this safety data sheet only refers to this product, which should not be used for purposes other than those specified.

END OF THE MATERIAL SAFETY DATA SHEET