


SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 24/06/2019 Version: 10.3

Excedo 2.30 Descaler

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1 Product Identifier	
Product Form	Mixture.
Product Name	Excedo 2.30 Descaler.
Product Code	GC241009.
Type of Product	Detergent.
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Main use Category	Professional use.
Industrial/Professional use spec	For professional use only.
Use of the Substance/ Mixture	Acidic cleaner.
1.2.2 Relevant identified uses of the substance or mixture and uses advised against	
No additional information available	
1.3 Details of the supplier of the safety data sheet	
Company	Global Consortium Ltd.
Address	Oakhurst Business Park, Southwater, West Sussex, RH13 9RT.
1.4 Emergency telephone number	
Emergency Telephone	03300 55 22 88

SECTION 2: Hazards identification	
2.1 Classification of the substance mixture	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Skin corrosion/irritation, Category 1A – H314 Serious eye damage/eye irritation, Category 1 – H318 Full text of H statements : see section 16
Adverse physicochemical, human health and environmental effects	No additional information available.
2.2 Label elements - Labelling according to Regulation (EC) No. 1272/2008 [CLP]	
Hazard Pictograms (CLP)	 GHS05
Signal word (CLP)	Danger.
Hazard statements (CLP)	H314 - Causes severe skin burns and eye damage.
Precautionary Statements (CLP)	P264 - Wash hands thoroughly after handling. P280 - Wear eye protection, protective gloves. P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P315 - Get immediate medical advice/attention. P405 - Store locked up.
2.3 Other Hazards	
No additional information available	

SECTION 3: Composition/Information on Ingredients			
3.1 Substances			
Not applicable			
SECTION 3.2: Mixtures			
Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Phosphoric acid, Orthophosphoric acid	(CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6	15 - 30	Skin Corr. 1B, H314

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aid measures general	Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	Wash with plenty of water. Take off immediately all contaminated clothing and wash it before reuse.
First-aid measures after eye contact	Immediately rinse with water for a prolonged period while holding the eyelids wide open. Get immediate medical advice/attention.
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	May cause respiratory irritation.
Symptoms/effects after skin contact	Burns.
Symptoms/effects after eye contact	Causes serious eye damage.
Symptoms/effects after Ingestion	Burns.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting methods

5.1 Extinguishing media

Suitable extinguishing media	Carbon dioxide. Dry powder. Foam.
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5.2 Special hazards arising from the substance or mixture

Corrosive vapours.

5.3 Advice for firefighters

No additional information available.



SECTION 6: Accidental release measures

6.1.1 For non-emergency personnel

Emergency procedures	Evacuate unnecessary personnel.
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6.1.2 For emergency responders

Protective equipment	Use personal protective equipment as required.
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6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

For containment	Collect spillage.
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Methods for cleaning up	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.
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6.4 Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".
 For further information refer to section 13.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Precautions for safe handling	Avoid contact with eyes.
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Hygiene measures	Do not eat, drink or smoke when using this product.
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7.2 Conditions for safe storage, including any incompatibilities

Technical measures	Does not require any specific or particular technical measures.
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Storage conditions	Keep container closed when not in use.
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Incompatible products	Strong bases. Oxidizing agent.
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Incompatible materials	Metals.
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Special rules on packaging	Keep only in original container.
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Special rules on packaging

No additional information available

SECTION 8: Exposure controls/personal protection



8.1 Control parameters	
No additional information available.	
8.2 Exposure controls	
Materials for protective clothing	Not required for normal conditions of use.
Hand protection	 <p>Chemical resistant gloves (according to European standard EN 374 or equivalent). Nitrile rubber gloves.</p>
Eye protection	 <p>Safety glasses. EN 166.</p>
Skin and body protection	Not required for normal conditions of use.
Respiratory protection:	Not required for normal conditions of use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Appearance	Clear, colorless liquid.
Colour	Colourless..
Odour	Odourless..
Odour threshold	No data available.
pH	1.9
Relative evaporation rate (butylacetate=1)	No data available.
Melting point	No data available.
Freezing point	No data available.
Boiling point	>= 100 °C

Flash point	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Flammability (solid, gas)	No data available.
Vapour pressure	No data available.
Relative vapour density at 20 °C	No data available.
Density	1.08
Solubility	Soluble in water.
Log Pow	No data available.
Viscosity, kinematic	No data available.
Viscosity, dynamic	No data available.
Explosive properties	No data available.
Oxidising properties	No data available.
Explosive limits	No data available.
9.2 Other information	
No additional information available.	

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials

Metals.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (Oral)	Not classified.
Acute toxicity (Dermal)	Not classified.
Acute toxicity (Inhalation)	Not classified.
Skin corrosion /irritation	Causes severe skin burns and eye damage. – pH: 1.9
Serious eye damage / irritation	Causes serious eye damage. – pH: 1.9
Respiratory or skin sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT – single exposure	Not classified.
STOT – repeated exposure	Not classified.
Aspiration hazard	Not classified.

SECTION 12: Ecological information

12.1 Toxicity

Acute aquatic toxicity	Not classified.
Chronic aquatic toxicity	Not classified.

12.2 Persistence and degradability

No additional information available.

12.3 Bioaccumulative potential




No additional information available.



12.4 Mobility in soil
No additional information available.
12.5. Result of PBT and VPvB assessment
No additional information available.
12.6 Other adverse effects
No additional information available.

SECTION 13: Disposal considerations
13.1. Waste treatment methods
No additional information available.

SECTION 14: Transport Information (In accordance with ADR / RID / IMDG / IATA / ADN)	
14.1 UN Number	
UN-No. (ADR)	1805.
UN-No. (IMDG)	1805 1805.
UN-No. (IATA)	1760.
14.2 UN proper shipping name	
Proper Shipping Name (ADR)	PHOSPHORIC ACID, SOLUTION
Proper Shipping Name (IMDG)	PHOSPHORIC ACID, SOLUTION
Proper Shipping Name (IATA)	Phosphoric Acid, Solution
Transport document description (ADR)	UN 1805 PHOSPHORIC ACID, SOLUTION, 8, III, (E)
Transport document description (IMDG)	UN 1805 PHOSPHORIC ACID, SOLUTION, 8, III
Transport document description (IATA)	UN 1805 Phosphoric acid, solution, 8, III
14.3 Transport hazard class(es)	
ADR Transport hazard class(es) (ADR)	8

Danger Labels (ADR)	
IMDG Transport hazard class(es) (IMDG)	8
Danger Labels (IMDG)	
Transport hazard class(es) (IATA)	8
Danger Labels (IATA)	
14.4 Packing Group	
Packing group (ADR)	III.
Packing group (IMDG)	III.
Packing group (IATA)	III.
14.5 Environmental hazards	
Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available.
14.6 Special precautions for user	
Overland Transport	
Classification code (ADR)	C1
Limited quantities (ADR)	5I
Excepted quantities (ADR)	E1

Packing instructions (ADR)	P001, IBC03, LP01, R001		
Mixed packing provisions (ADR)	MP19		
Portable tank and bulk container instructions (ADR)	T4		
Portable tank and bulk container special provisions (ADR)	TP1		
Tank code (ADR)	L4BN		
Vehicle for tank carriage	AT		
Transport category (ADR)	3		
Special provisions for carriage - Packages (ADR)	V12		
Hazard identification number (Kemler No.)	80		
Orange plates	<table border="1"> <tr> <td>80</td> </tr> <tr> <td>1805</td> </tr> </table>	80	1805
80			
1805			
Tunnel restriction code (ADR)	E		
EAC code	2R		
Transport by sea			
Special provisions (IMDG)	223		
Limited quantities (IMDG)	5 L		
Excepted quantities (IMDG)	E1		
Packing instructions (IMDG)	P001, LP01		
IBC packing instructions (IMDG)	IBC03		
Tank instructions (IMDG)	T4		

Tank special provisions (IMDG)	TP1
EmS-No. (Fire)	F-A
EmS-No. (Spillage)	S-B
Stowage category (IMDG)	A
Air transport	
PCA Excepted quantities (IATA)	E1
PCA Limited quantities (IATA)	Y841
PCA limited quantity max net quantity (IATA)	1L
PCA packing instructions (IATA)	852
PCA max net quantity (IATA)	5L
CAO packing instructions (IATA)	856
CAO max net quantity (IATA)	60L
Special provisions (IATA)	A3
ERG code (IATA)	8L
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
IBC code	Not applicable.

SECTION 15: Regulatory information

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

15.1.1 EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

- Contains no REACH substances with Annex XVII restrictions
- Contains no substance on the REACH candidate list
- Contains no REACH Annex XIV substances



Detergent Regulation : Labelling of contents:	
Component	%
non-ionic surfactants	<5%
15.1.2. National regulations	
United Kingdom	
British National Regulations	Commission Regulation (EU) No. 453/2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals. Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008. Detergent Regulation (648/2004/EC).
15.2. Chemical safety assessment	
No additional information available.	
SECTION 16: Other Information	
Full text of H- and EUH-statements:	
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

