

SAFETY DATA SHEET

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

PRO-FIT DEGREASE

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

1.1. Product identifier

Chemical type : Mixture

Trade name : PRO-FIT DEGREASE

Product code : 658

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only

Use of the substance/mixture : Aqueous solution of : non-iogenic tensio-active agents , solvents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Cole & Wilson Afrikalaan 182 9000 GENT - België

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1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number	Comment
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

 Acute Tox. 4 (Oral)
 H302

 Skin Irrit. 2
 H315

 Eye Dam. 1
 H318

 Skin Sens. 1
 H317

 Aquatic Acute 1
 H400

 Aquatic Chronic 2
 H411

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

GHS07

GHS09

CLP Signal word : Danger

Hazardous ingredients : Ethoxylated Alcohol; Butylglycol/2-butoxyethanol; Terpene, monocyclic

Hazard statements (CLP) : H302 - Harmful if swallowed. H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage.

H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P280 - Wear protective gloves, protective clothing, eye protection.

P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P302+P352 - IF ON SKIN: Wash with plenty of water/...

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

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P310 - Immediately call a POISON CENTER/doctor

P501 - Dispose of contents/container to a hazardous or special waste collection point

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethoxylated Alcohol	(CAS-no) 157627-86-6/68439-50-9/68131- 39-5/68213-23-0/68551-12-2/160901-19- 9 (REACH-no) /	30 - 50	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Ethoxylated Alcohol	(CAS-no) 157627-86-6/160901-19-9 (Einecs nr) / (EG annex nr) / (REACH-no) /	15 - 30	Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Butylglycol/2-butoxyethanol	(CAS-no) 111-76-2 (Einecs nr) 203-905-0 (EG annex nr) 603-014-00-0 (REACH-no) 01-2119475108-36	5 - 10	Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Irrit. 2, H315
Terpene, monocyclic	(CAS-no) 5989-27-5 (Einecs nr) 227-813-5 (EG annex nr) 601-029-00-7 (REACH-no) 01-2119529223-47	3 - 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
(2-methoxymethylethoxy)propanol substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB)	(CAS-no) 34590-94-8 (Einecs nr) 252-104-2 (REACH-no) 01-2119450011-60	< 3	Not classified

Specific concentration limits:

Specific concentration limits.		
Name	Product identifier	Specific concentration limits
Ethoxylated Alcohol	(CAS-no) 157627-86-6/68439-50-9/68131- 39-5/68213-23-0/68551-12-2/160901-19- 9 (REACH-no) /	(1 = <c 10)="" 2,="" <="" eye="" h319<br="" irrit.="">(C >= 10) Eye Dam. 1, H318</c>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : In case of doubt or persistent symptoms, consult always a physician.

Inhalation : Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact : Take off immediately all contaminated clothing. Wash off with plenty of water. Seek medical

attention if irritation develops.

Eye contact : Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion : Rinse mouth, do not vomit, keep quiet, and go immediately to hospital or to a doctor.

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

Acute effects inhalation : Presents no particular risk when handled in accordance with good occupational hygiene

practice.

Acute effects skin : Causes skin irritation. May cause an allergic skin reaction.

Acute effects eyes : Causes serious eye damage.

Acute effects oral route : Harmful if swallowed.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : All extinguishing agents can be used.

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5.2. Special hazards arising from the substance or mixture

Explosion hazard : Not applicable.

5.3. Advice for firefighters

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Stop leak without risks if possible. Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for

disposal. Flush with plenty of water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Emergency eye wash fountains and safety showers should

be available in the immediate vicinity of any potential exposure.

Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of frost. Store tightly closed in a dry and cool place.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Butylglycol/2-butoxyethanol (111-76-2)			
EU	IOELV TWA (mg/m³)	98 mg/m³	
EU	IOELV TWA (ppm)	20 ppm	
EU	IOELV STEL (mg/m³)	246 mg/m³	
EU	IOELV STEL (ppm)	50 ppm	
EU	Notes	Skin	
United Kingdom	WEL TWA (mg/m³)	123 mg/m³	
United Kingdom	WEL TWA (ppm)	25 ppm	
United Kingdom	WEL STEL (mg/m³)	246 mg/m³	
United Kingdom	WEL STEL (ppm)	50 ppm	
United Kingdom	Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2)	

(2-methoxymethylethoxy)propanol (34590-94-8)		
EU	IOELV TWA (mg/m³)	308 mg/m³
EU	IOELV TWA (ppm)	50 ppm
EU	Notes	Skin
United Kingdom	WEL TWA (mg/m³)	308 mg/m³
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)

8.2. Exposure controls

Hand protection:

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Chemical resistant PVC/Nitrilrubber gloves (to European standard EN 374 or equivalent). Thickness: 0,4 mm. Penetration time: >480 min (level 6). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.

Eye protection:

Safety glasses with side-shields (EN 166)

Protective equipment:

Wear suitable protective clothing (EN 14605)

Respiratory protection:

Provide adequate ventilation

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Physical state/form : Liquid.
Colour : Orange.
Odour : Characteristic.
Odour threshold : No data available

pH : $8.5 \pm 0.5 (100 \%), 5.6 \pm 0.5 (1 \%)$

Melting point/range : No data available
Freezing point : No data available
Boiling point/Boiling range : >= 100 °C

Flash point : > 55 °C Will not normally support combustion.

Relative evaporation rate (butylacetate=1) : No data available Flammability (solid, gas) : Not applicable Explosive limits : No data available Vapour pressure : No data available Relative vapour density at 20 °C : No data available Relative density : 960 ± 25 kg/m3 (20°C) Solubility : No data available Log Pow : No data available Autoignition temperature : No data available Decomposition temperature No data available Viscosity : 38 ± 10 mPa.s (20° C)

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No decomposition if stored normally.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Never mix with other materials.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity	: Oral: Harmful if swallowed.
ATE CLP (oral)	950,57 mg/kg bodyweight

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LD50 oral rat	300 - 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
(2-methoxymethylethoxy)propanol (3	4590-94-8)
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	13000 - 14000 mg/kg
Terpene, monocyclic (5989-27-5)	
LD50 oral rat	> 4400 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
Skin corrosion/irritation	: Causes skin irritation.
	pH: 8.5 ± 0.5 (100 %), 5.6 ± 0.5 (1 %)
Serious eye damage/irritation	: Causes serious eye damage.
	pH: 8.5 ± 0.5 (100 %), 5.6 ± 0.5 (1 %)
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
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

Ethoxylated Alcohol (157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9)		
LC50 fish 1	1 - 10 mg/l	
EC50 Daphnia 1	1 - 10 mg/l	
ErC50 (other aquatic plants)	1 - 10 mg/l	
Ethoxylated Alcohol (157627-86-6/16090	01-19-9)	
LC50 fish 1	1 - 10 mg/l	
EC50 Daphnia 1	0,1 - 1 mg/l	
ErC50 (algae)	0,1 - 1 mg/l	
NOEC chronic fish	> 0,1 mg/l	
(2-methoxymethylethoxy)propanol (345)	90-94-8)	
LC50 fish 1	> 10 mg/l	
EC50 Daphnia 1	1,919 mg/l	
ErC50 (other aquatic plants)	> 969 mg/l	
Terpene, monocyclic (5989-27-5)		
LC50 fish 1	0,8 mg/l (Pimephales promelas)	
EC50 Daphnia 1	69,8 mg/l	
ErC50 (algae)	150 mg/l	

12.2. Persistence and degradability

PRO-FIT DEGREASE	
Persistence and degradability	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.

12.3. Bioaccumulative potential

PRO-FIT DEGREASE		
Bioaccumulative potential	Not known.	
Ethoxylated Alcohol (157627-86-6/160901	-19-9)	
Bioaccumulative potential	No bioaccumulation.	
Terpene, monocyclic (5989-27-5)		
BCF fish 1	683,1	

12.4. Mobility in soil

No additional information available

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12.5. Results 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

Waste / unused products : Collect all waste in suitable and labelled containers and dispose according to local legislation.

European List of Waste (LoW) code : 20 01 29* - detergents containing dangerous substances

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	
14.1. UN number			
3082	3082	3082	
14.2. UN proper shipping name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	Environmentally hazardous substance, liquid, n.o.s.	
Transport document description			
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Ethoxylated Alcohol), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Ethoxylated Alcohol), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Ethoxylated Alcohol), 9, III	
14.3. Transport hazard class(es)			
9	9	9	
		¥2	
14.4. Packing group			
III	III	III	
14.5. Environmental hazards			
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	
No supplementary information available			

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 375, 601

Limited quantities (ADR) : 5I Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
(ADR)

Portable tank and bulk container special

provisions (ADR)

Tank code (ADR) : LGBV

Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage - Packages (ADR)

Special provisions for carriage - Loading,

unloading and handling (ADR)

: CV13

: TP1, TP29

Hazard identification number (Kemler No.) : 90 Tunnel code : -

- Transport by sea

Special provisions (IMDG) : 274, 335, 969

Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1

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Packing instructions (IMDG) : P001, LP01

N° MFAG :

- Air transport

No data available

14.7. Transport in bulk according to Annex II of Marpol and the 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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Allergenic fragrances > 0,01%:

Terpene, monocyclic

Detergent Regulation : Labelling of contents:

Component	%
Non-ionic surfactants	>=30%

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
14		Modified	

Other information

It is recommended to pass the information of this safety data sheet in an appropriate form to the users. Such information is actually the best of our knowledge and believes accurate as reliable. This information relates to the specific material designated and may not be valid in combination with other products.

This safety data sheet is in compliance with 1907/2006/EEC. It is user's liabilities to take all necessary measures to meet local required laws and regulations. The producer is not responsable for any damage and loss due to the use of information mentioned in this safety data sheet.

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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