

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

1.1. Product identifier

Product form : Mixture
Name : PROMOCLEAN DEWAX PLUS
Product code : 050315200
Type of product : Detergent

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Ultrasonic industrial cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

INVENTEC PERFORMANCE CHEMICALS SA
20 rue de Bourgogne
P.O. Box CS 10165
69800 SAINT-PRIEST - France
T +33 (0) 4 72 28 13 00 - F +33 (0) 4 72 28 13 41
ContactFDS@inventec.dehon.com

Other

FRIGOGAZ Climalife kft Hungary
Villányi út 47
1118 Budaörs - Hungary
T (36) 23 431 660 - F (36) 23 431 661
ContactFDS@inventec.dehon.com

Other

INVENTEC PERFORMANCE CHEMICALS ITALIA S.R.L.
Via Pusterla, 8
20013 Magenta - Milano - Italia
T (39) 02 48 40 12 06 - F (39) 02 48 46 13 41
ContactFDS@inventec.dehon.com

Other

INVENTEC PERFORMANCE CHEMICALS Switzerland
Z.I. Petits Champs 15 Yverdon Sud
CH-1400 Yverdon-les-Bains - Switzerland
T 41(0) 24 424 80 90 - F 41(0) 24 424 80 99
ContactFDS@inventec.dehon.com

Other

DKF GERMANY / INVENTEC
Robert - Bosch - Strasse 14
40668 Meerbusch - Germany
T +49 (0)21 50 70 73 00 - F + 49 (0)21 50 70 73 17
ContactFDS@inventec.dehon.com

Other

INVENTEC PERFORMANCE CHEMICALS ESPAÑA
Perez Pujol, 4 - 2º
46002 Valencia - Spain
T (34) 96 353 51 93 - F (34) 96 353 51 92
ContactFDS@inventec.dehon.com

Other

INVENTEC Performance Chemicals Netherlands BV
Van Konijnenburgweg 84
4612 PL Bergen op zoom - Netherlands
T (31) 164 212 840 - F (31) 164 212 841
ContactFDS@inventec.dehon.com

1.4. Emergency telephone number

Emergency number : +33 (0) 1 72 11 00 03

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Eye Dam. 1 H318

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

PROMOCLEAN DEWAX PLUS

Safety Data Sheet

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

2.2. Label elements

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

Hazard pictograms (CLP)



GHS05

Signal word (CLP)

: Danger

Hazardous ingredients

: Alcohol hydroxylated C9-C11

Hazard statements (CLP)

: H318 - Causes serious eye damage.

Precautionary statements (CLP)

: P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P305+P351+P338 - 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, a doctor.

EUH-statements

: EUH208 - Contains N-(2-hydroxyethyl)-N-[2-[(1-oxooctyl)amino]ethyl]-β-alanine. May produce an allergic reaction.

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]
Alcohol hydroxylated C9-C11	(CAS-No.) 68439-46-3	10 - 30	Eye Dam. 1, H318
N-(2-hydroxyethyl)-N-[2-[(1-oxooctyl)amino]ethyl]-β-alanine	(CAS-No.) 64265-45-8 (EC-No.) 264-761-2 (REACH-no) 01-2120769114-55	0,1 - 1	Eye Irrit. 2, H319 Skin Sens. 1B, H317
2,2',2''-nitrilotriethanol substance with national workplace exposure limit(s) (AT, BE, DK, FI)	(CAS-No.) 102-71-6 (EC-No.) 203-049-8 (REACH-no) 01-2119486482-31	0,1 - 1	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth out with water. Call a physician immediately.

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

Symptoms/effects after skin contact : May cause an allergic skin reaction.

Symptoms/effects after eye contact : Burns.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

PROMOCLEAN DEWAX PLUS

Safety Data Sheet

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate the danger area. Evacuate area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. protected from frost.

Packaging materials : Recommended materials: Plastic materials.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2,2',2''-nitrioltriethanol (102-71-6)		
Austria	MAK (mg/m³)	5 mg/m³ Inhalable fraction
Austria	MAK (ppm)	0,8 ppm
Austria	MAK Short time value (mg/m³)	10 mg/m³ Inhalable fraction
Austria	MAK Short time value (ppm)	0,16 ppm
Belgium	Limit value (mg/m³)	5 mg/m³
Denmark	Grænseværdie (langvarig) (mg/m³)	3,1 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	0,5 ppm
Denmark	Grænseværdie (kortvarig) (mg/m³)	6,2 mg/m³
Denmark	Grænseværdie (kortvarig) (ppm)	1 ppm
Finland	HTP-arvo (8h) (mg/m³)	5 mg/m³
Germany	TRGS 910 Acceptable concentration notes	

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Materials for protective clothing:

Use chemically protective clothing.

Hand protection:

Chemically resistant protective gloves. Protective gloves made of rubber

Eye protection:

Safety glasses with side shields

Skin and body protection:

Wear suitable protective clothing

PROMOCLEAN DEWAX PLUS

Safety Data Sheet

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

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

Other information:

Safety shower. Eye fountain.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light yellow.
Odour	: weak.
Odour threshold	: No data available
pH	: 4,7
pH solution	: 5,1 (1% aqueous solution)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,02 g/cm ³ (20°C)
Solubility	: In water, material soluble. Soluble in organic solvents.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive material according to EC criteria.
Oxidising properties	: Non oxidizing material according to EC criteria.
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

Strong oxidizing agents.

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

2,2',2"-nitrilotriethanol (102-71-6)

LD50 oral rat	6400 mg/kg
---------------	------------

PROMOCLEAN DEWAX PLUS

Safety Data Sheet

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

LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	1,8 mg/l/8h

Alcohol hydroxylated C9-C11 (68439-46-3)

LD50 oral rat	1192 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Skin corrosion/irritation	: Not classified pH: 4,7
Serious eye damage/irritation	: Causes serious eye damage. pH: 4,7
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

2,2',2''-nitritotriethanol (102-71-6)

NOAEL (chronic, oral, animal/male, 2 years)	250 mg/kg bodyweight
NOAEL (chronic, oral, animal/female, 2 years)	250 mg/kg bodyweight

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

2,2',2''-nitritotriethanol (102-71-6)

NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight/day
NOAEL (dermal, rat/rabbit, 90 days)	125 mg/kg bodyweight/day
NOAEL (subacute, oral, animal/male, 28 days)	0,5 mg/kg bodyweight
NOAEL (subacute, oral, animal/female, 28 days)	0,5 mg/kg bodyweight

Aspiration hazard	: Not classified
-------------------	------------------

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

2,2',2''-nitritotriethanol (102-71-6)

LC50 fish 1	> 10000 mg/l 48 Hours (Leuciscus idus)
EC50 Daphnia 1	609,88 mg/l (Ceriodaphnia dubia)
EC50 other aquatic organisms 1	> mg/l
EC50 72h algae (1)	512 mg/l (Desmodesmus subspicatus)

12.2. Persistence and degradability

2,2',2''-nitritotriethanol (102-71-6)

Persistence and degradability	Readily biodegradable.
Biodegradation	100 % (5 days)

12.3. Bioaccumulative potential

2,2',2''-nitritotriethanol (102-71-6)

Log Kow	-2,3 (25°C ; pH 7.1)
---------	----------------------

12.4. Mobility in soil

2,2',2''-nitritotriethanol (102-71-6)

Mobility in soil	Soluble in water
Log Koc	1

PROMOCLEAN DEWAX PLUS

Safety Data Sheet

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

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 treatment methods

: Do not discharge into drains or waterways without neutralizing. Do not allow product to spread into the environment. Conform to current legislation, regulations and orders. Neutralize prior to disposal (pH between 5.5 and 8.5). Dispose of at a licensed waste collection centre.

Product/Packaging disposal recommendations

: Clean with water. The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal.

SECTION 14: Transport information

In accordance with ADR / IATA / IMDG

ADR	IMDG	IATA
14.1. UN number		
Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available		

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

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

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Detergent Regulation : Labelling of contents:	
Component	%
non-ionic surfactants	5-15%
phosphonates, amphoteric surfactants	<5%

PROMOCLEAN DEWAX PLUS

Safety Data Sheet

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

15.1.2. National regulations

Germany

Reference to AwSV : Water hazard class (WGK) 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen : 2,2',2"-nitrilotriethanol is listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

All chapters have been modified since the previous version.

Full text of H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Sens. 1B	Skin sensitisation, category 1B
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
EUH208	Contains . May produce an allergic reaction.

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.