

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

1.1. Product identifier

Product form : Mixture
Name : PROMOCLEAN DISPER 10
Product code : 050326000
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 : Degreasing product for use in aspersion machine : see technical instructions

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]

Skin Irrit. 2 H315
Eye Dam. 1 H318

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

Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye damage.

PROMOCLEAN DISPER 10

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

: 2,2'-iminodiethanol; diethanolamine

Hazard statements (CLP)

: H315 - Causes skin irritation.
H318 - Causes serious eye damage.

Precautionary statements (CLP)

: P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and 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.
P310 - Immediately call a POISON CENTER, a doctor.

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]
2,2'-iminodiethanol; diethanolamine	(CAS-No.) 111-42-2 (EC-No.) 203-868-0 (EC Index-No.) 603-071-00-1 (REACH-no) 01-2119488930-28	1 - 5	Acute Tox. 4 (Oral), H302 STOT RE 2, H373 Skin Irrit. 2, H315 Eye Dam. 1, H318
phosphoric acid ... %, orthophosphoric acid ... %	(CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24	1 - 5	Skin Corr. 1B, H314

Specific concentration limits:

Name	Product identifier	Specific concentration limits
phosphoric acid ... %, orthophosphoric acid ... %	(CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24	(10 =<C < 25) Eye Irrit. 2, H319 (10 =<C < 25) Skin Irrit. 2, H315 (25 =<C < 100) 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 after inhalation	: Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: 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	: Rinse mouth out with water. Seek medical attention if ill effect develops.

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

Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Serious damage to eyes.

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.

PROMOCLEAN DISPER 10

Safety Data Sheet

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

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.

Other information : Do not dispose of fire-fighting water in the environment.

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 area. Evacuate the danger area.

6.1.2. For emergency responders

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

6.2. Environmental precautions

Contain the spilled material by bunding. 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. Transfer the product into a spare container: suitably labelled. Keep recovered product for subsequent disposal. Dispose of contaminated materials in accordance with current regulations.

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. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. protected from frost. Keep the container hermetically sealed.

Packaging materials : Recommended materials: Plastic materials, All common metals.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)		
EU	Local name	Orthophosphoric acid
EU	IOELV TWA (mg/m³)	1 mg/m³
EU	IOELV STEL (mg/m³)	2 mg/m³
Austria	Local name	Phosphorsäure
Austria	MAK (mg/m³)	1 mg/m³
Austria	MAK Short time value (mg/m³)	2 mg/m³
Belgium	Local name	Acide phosphorique
Belgium	Limit value (mg/m³)	1 mg/m³
Belgium	Short time value (mg/m³)	2 mg/m³
Bulgaria	Local name	Ортофосфорна киселина•
Bulgaria	OEL TWA (mg/m³)	1 mg/m³
Bulgaria	OEL STEL (mg/m³)	2 mg/m³
Czech Republic	Local name	Kyselina fosfore ná
Czech Republic	Expoziční limity (PEL) (mg/m³)	1 mg/m³

PROMOCLEAN DISPER 10

Safety Data Sheet

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

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)		
Czech Republic	Expoziční limity (NPK-P) (mg/m³)	2 mg/m³
Denmark	Local name	Phosphorpentasulfid
Denmark	Grænseværdie (langvarig) (mg/m³)	1 mg/m³
Denmark	Anmærkninger (DK)	E
Estonia	Local name	Fosforhape, (ortofosforhape) aur
Estonia	OEL TWA (mg/m³)	1 mg/m³
Estonia	OEL STEL (mg/m³)	2 mg/m³
Finland	Local name	Fosforihappo
Finland	HTP-arvo (8h) (mg/m³)	1 mg/m³
Finland	HTP-arvo (15 min)	2 mg/m³
France	Local name	Acide phosphorique
France	VME (mg/m³)	1 mg/m³
France	VME (ppm)	0,2 ppm
France	VLE (mg/m³)	2 mg/m³
France	VLE (ppm)	0,5 ppm
Germany	TRGS 900 Local name	Orthophosphorsäure
Germany	TRGS 900 Occupational exposure limit value (mg/m³)	2 mg/m³
Germany	TRGS 900 Remark	DFG,EU,AGS,Y
Germany	TRGS 910 Acceptable concentration notes	
Greece	OEL TWA (mg/m³)	1 mg/m³
Greece	OEL STEL (mg/m³)	3 mg/m³
Hungary	Local name	ORTOFOSZFORSAV
Hungary	AK-érték	1 mg/m³
Hungary	CK-érték	2 mg/m³
Hungary	Megjegyzések (HU)	m; EU1
Ireland	Local name	Orthophosphoric acid
Ireland	OEL (8 hours ref) (mg/m³)	1 mg/m³
Ireland	OEL (15 min ref) (mg/m³)	2 mg/m³
Ireland	Notes (IE)	IOELV
Italy	Local name	Acido ortofosforico
Italy	OEL TWA (mg/m³)	1 mg/m³
Italy	OEL STEL (mg/m³)	2 mg/m³
Latvia	Local name	Fosforskābe (ortofosforskābe)
Latvia	OEL TWA (mg/m³)	1 mg/m³
Latvia	OEL STEL (mg/m³)	2 mg/m³
Lithuania	Local name	Fosforo rūgštis, orto-
Lithuania	IPRV (mg/m³)	1 mg/m³
Lithuania	TPRV (mg/m³)	2 mg/m³
Luxembourg	Local name	Acide phosphorique
Luxembourg	OEL TWA (mg/m³)	1 mg/m³
Luxembourg	OEL STEL (mg/m³)	2 mg/m³
Malta	Local name	Orthophosphoric acid
Malta	OEL TWA (mg/m³)	1 mg/m³
Malta	OEL STEL (mg/m³)	2 mg/m³

PROMOCLEAN DISPER 10

Safety Data Sheet

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

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)		
Netherlands	Local name	Fosforzuur
Netherlands	Grenswaarde TGG 8H (mg/m³)	1 mg/m³
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	2 mg/m³
Poland	Local name	Kwas fosforowy(V)
Poland	NDS (mg/m³)	1 mg/m³
Poland	NDSch (mg/m³)	2 mg/m³
Portugal	Local name	Ácido fosfórico
Portugal	OEL TWA (mg/m³)	1 mg/m³
Portugal	OEL - Ceilings (mg/m³)	3 mg/m³
Romania	Local name	Acid ortofosforic
Romania	OEL TWA (mg/m³)	1 mg/m³
Romania	OEL STEL (mg/m³)	2 mg/m³
Slovenia	Local name	fosforjeva kislina
Slovenia	OEL TWA (mg/m³)	1 mg/m³
Slovenia	OEL STEL (mg/m³)	2 mg/m³
Spain	Local name	Ácido ortofosfórico
Spain	VLA-ED (mg/m³)	1 mg/m³
Spain	VLA-EC (mg/m³)	2 mg/m³
Spain	Notes	VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su transposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.). s (Esta sustancia tiene prohibida total o parcialmente su comercialización y uso como fitosanitario y/o como biocida. Para una información detallada acerca de las prohibiciones consúltase: Base de datos de productos biocidas: http://www.msssi.gob.es/ciudadanos/productos.do?tipo=plaguicidas Base de datos de productos fitosanitarios: http://www.magrama.gob.es/agricultura/pags/fitos/registro/fichas/pdf/Lista_sa.pdf)
Sweden	Local name	Phosphoric acid
Sweden	nivågränsvärde (NVG) (mg/m³)	1 mg/m³
Sweden	kortidsvärde (KTV) (mg/m³)	3 mg/m³
United Kingdom	Local name	Orthophosphoric acid
United Kingdom	WEL TWA (mg/m³)	1 mg/m³
United Kingdom	WEL STEL (mg/m³)	2 mg/m³
Iceland	Local name	Fosfórsýra
Iceland	OEL (8 hours ref) (mg/m³)	1 mg/m³
Iceland	OEL (15 min ref) (mg/m³)	2 mg/m³
Norway	Local name	Fosforsyre
Norway	Grenseverdier (AN) (mg/m³)	1 mg/m³
Switzerland	Local name	Acide phosphorique
Switzerland	MAK (mg/m³)	1 mg/m³
Switzerland	KZGW (mg/m³)	2 mg/m³
Switzerland	Remark	4x15

PROMOCLEAN DISPER 10

Safety Data Sheet

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

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)		
USA - ACGIH	Local name	Phosphoric acid
USA - ACGIH	ACGIH TWA (mg/m³)	1 mg/m³
USA - ACGIH	ACGIH STEL (mg/m³)	3 mg/m³
USA - ACGIH	Remark (ACGIH)	URT, eye, & skin irr

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Materials for protective clothing:

Wear suitable working clothes

Hand protection:

Protective gloves made of rubber

Eye protection:

Safety glasses with side shields

Skin and body protection:

Wear suitable protective clothing

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	: Yellow.
Odour	: slight.
Odour threshold	: No data available
pH	: 9,8
pH solution	: 9,1 (≤ 1) % Aqueous solution
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: -5 °C
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)	: Non flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,09 g/cm³ (20°C)
Solubility	: Material highly soluble in water.
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

PROMOCLEAN DISPER 10

Safety Data Sheet

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

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

Freezing.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

On thermal decomposition (pyrolysis), releases : Carbon oxides (CO, CO₂), Nitrogen oxides.

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

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)

LD50 oral rat	3160 mg/kg
---------------	------------

Skin corrosion/irritation : Causes skin irritation.
pH: 9,8

Serious eye damage/irritation : Causes serious eye damage.
pH: 9,8

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

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

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)

LC50 fish 1	3 - 3,25 mg/l 96 Hours (Lepomis macrochirus)
-------------	--

EC50 Daphnia 1	> 100 mg/l 48 Hours (Daphnia magna)
----------------	-------------------------------------

EC50 72h algae (1)	> 100 mg/l
--------------------	------------

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. 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

Regional legislation (waste) : SWITZERLAND: OTD/OMoD ordinance : code 070104.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Do not allow product to spread into the environment. Do NOT wash away into sewer.

PROMOCLEAN DISPER 10

Safety Data Sheet

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

Product/Packaging disposal recommendations : Comply with local regulations for disposal. Discharging into rivers and drains is forbidden. 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	<5%

15.1.2. National regulations

France

Occupational diseases

: RG 49 - Affections cutanées provoquées par les amines aliphatiques, alicycliques ou les éthanolamines
RG 49 BIS - Affections respiratoires provoquées par les amines aliphatiques, les éthanolamines ou l'isophoronediamine

Germany

Reference to AwSV

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

PROMOCLEAN DISPER 10

Safety Data Sheet

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

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'-iminodiethanol; diethanolamine 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
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

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.