

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name	DECONTAMINEX DECONTAMINATION FLUID
REACH	ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.

Company	Maclin Sourcing Solutions Ltd
Address	Unit A3 Risby Business Park Risby Suffolk IP28 6RD
Web	www.maclingroup.co.uk
Telephone	+44 (0)1284 810 887
Fax	+44 (0) 1284 811 908
Email	info@maclingroup.co.uk
Email address of the competent person	info@maclingroup.co.uk


1.3. Details of the supplier of the safety data sheet**1.4. Emergency telephone number**

Emergency telephone number	01284 810 887
Company	Maclin Sourcing Solutions Ltd

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

2.1.1. Classification - 1999/45/EC	C; R34 Symbols: C: Corrosive.
Main hazards	Causes burns.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314;

2.2. Label elements

Precautionary Statement: Prevention	
	Danger
	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
	P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
	P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

2.2. Label elements

Precautionary Statement: Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ or /if you feel unwell. 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. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P363 - Wash contaminated clothing before reuse.
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to REQUIREMENTS OF LOCAL AUTHORITIES

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration	Conc.	Classification	M-factor.
WATER					70 - 80%		
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	F; R11 Xi; R36 R67	
SODIUM GLUCONATE		527-07-1	208-407-7		1 - 10%		
Potassium hydroxide	019-002-00-8	1310-58-3	215-181-3	01-2119487136-33 01-2119487136-33 -xxxx	1 - 10%	Xn; R22 C; R35	
COCAMIDOPROPYL BETAINE			931-296-8		1 - 10%	Xi; R41	
ALCOHOL ETHOXYLATE		68439-46-3			1 - 10%	Xn; R22 Xi; R41	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration	Conc.	Classification	M-factor.
WATER					70 - 80%		
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;	
SODIUM GLUCONATE		527-07-1	208-407-7		1 - 10%		
Potassium hydroxide	019-002-00-8	1310-58-3	215-181-3	01-2119487136-33 01-2119487136-33 -xxxx	1 - 10%	Acute Tox. 4: H302; Skin Corr. 1A: H314;	
COCAMIDOPROPYL BETAINE			931-296-8		1 - 10%	Eye Dam. 1: H318; Aquatic Chronic 3: H412;	
ALCOHOL ETHOXYLATE		68439-46-3			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	Causes burns. Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Causes burns.

Skin contact Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, rinse mouth with water (only if the person is conscious). If swallowed, seek medical advice immediately and show this container or label.
-------------------------------	--

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO2).
--	-----------------------

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
--	---

	Wear suitable respiratory equipment when necessary.
--	---

5.3. Advice for firefighters

SECTION 6: Accidental release measures

	Wear suitable protective equipment. Adopt best Manual Handling considerations when handling, carrying and dispensing
--	--

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
--	---

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
--	---

6.3. Methods and material for containment and cleaning up

SECTION 7: Handling and storage

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing
--	---

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers
--	---

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m3: 999
	WEL 15 min limit ppm: 500	WEL 15 min limit mg/m3: 1250
	WEL 8-hr limit mg/m3 total - inhalable dust: -	WEL 15 min limit mg/m3 total - inhalable dust: -
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
Potassium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total - inhalable dust: -	WEL 15 min limit mg/m3 total - inhalable dust: -
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -

SODIUM GLUCONATE	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3:
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total inhalable dust: 10	WEL 15 min limit mg/m3 total inhalable dust:
	WEL 8-hr limit mg/m3 total	WEL 15 min limit mg/m3 total

DNEL: Derived no-effect level.

	No data is available on this product.
--	---------------------------------------

8.2. Exposure controls

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Not normally required.
8.2.2. Individual protection measures	Wear suitable protective clothing.
Eve / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aqueous solution
Colour	Various
Odour	Characteristic
pH	13
Relative density	1.06 - 1.085

SECTION 10: Stability and reactivity

Stable under normal conditions.

10.2. Chemical stability

SECTION 11: Toxicological information

Skin corrosion/irritation CAUSES DIGESTIVE TRACT BURNS. CAUSES EYE BURNS. CAUSES SKIN BURNS. Corrosive.

11.1. Information on toxicological effects

SECTION 12: Ecological information

12.1. Toxicity

COCAMIDOPROPYL BETAINE	Daphnia EC50/48h: 21.5000 mg/l	Algae IC50/72h: 30.0000 mg/l
SODIUM GLUCONATE	Daphnia EC50/48h: 5000.0000 mg/l	Fish LC50/96h: 1000.0000 mg/l

12.2. Persistence and degradability

DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE. Inorganic materials are inherently not biodegradable however those present in this formulation/product are either of no known significant environmental hazard or are readily neutralised to form inert salts. More than 90% biodegradable.

12.3. Bioaccumulative potential

No data is available on this product.

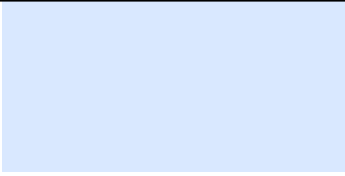
SECTION 13: Disposal considerations

Dispose of in compliance with all local and national regulations.

General information

SECTION 14: Transport information

Hazard pictograms



	UN1814
--	--------

14.1. UN number

14.2. UN proper shipping name

	POTASSIUM HYDROXIDE, SOLUTION
--	-------------------------------

14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	8
IMDG	8
Subsidiary risk	
IATA	
Subsidiary risk	

Packing group	III
---------------	-----

14.4. Packing group

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	80
Tunnel Category	(E)

IMDG

EmS Code	F-A S-B
----------	---------

Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852 5 L

IATA

Further information

	The product is not classified as dangerous for carriage.
--	--

SECTION 15: Regulatory information

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

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing
-------------	--

15.2. Chemical safety assessment

SECTION 16: Other information	
	No chemical Safety assessment has been carried out by the supplier.

SAFETY DATA SHEET
CONTAMINEX DECONTAMINATION FLUID

Compilation Date: 21/04/2016
 Revision: 1

Other information

Revision	<p>This document differs from the previous version in the following areas:</p> <ul style="list-style-type: none"> 2 - 2.1. Classification of the substance or mixture. 2 - Precautionary Statement: Response. 4 - Skin contact. 4 - Eye contact. 4 - Ingestion. 11 - Skin corrosion/irritation. 12 - 12.1. Toxicity. 14 - ADR/RID. 14 - IMDG. 14 - IATA. 15 - Labelling. 15 - Risk phrases. 15 - Safety phrases. 15 - Regulations.
Text of risk phrases in Section 3	<p>R11 - Highly flammable. R22 - Harmful if swallowed. R35 - Causes severe burns. R36 - Irritating to eyes.</p> <p>R41 - Risk of serious damage to eyes. R67 - Vapours may cause drowsiness and dizziness.</p>
Text of Hazard Statements in Section 3	<p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>STOT SE 3: H336 - May cause drowsiness or dizziness.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p>

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in</p>
--	---

Further information