TORNADE GEL 2D

Date: 17/10/2022 Page 1/18 Revision: N°2 (22/03/2021)

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: TORNADE GEL 2D 750ML

Product code: 103730.

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

Cleaner and discaler. Professional use.

1.3. Details of the supplier of the safety data sheet

10 Quai Malbert, 29200, BREST, FRANCE.

Tel.: +33 (0)2 98 43 45 44. Fax: +33 (0)2 98 44 22 53

ipc@groupe-ipc.com

1.4. Emergency telephone number: +33 (0)1 45 42 59 59.

Association/Organisation: INRS / ORFILA http://www.centres-antipoison.net.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Substance that is corrosive to metals, Category 1 (Met. Corr. 1, H290).

Skin corrosion, Category 1 (Skin Corr. 1, H314).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

Mixture for spray application.

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms:



GHS05

Signal Word: **DANGER**

Product identifiers:

EC 201-196-2 LACTIC ACID EC 231-633-2 PHOSPHORIC ACID EC 201-180-5 GLYCOLIC ACID

Hazard statements:

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

Precautionary statements - Prevention:

P234 Keep only in original packaging.

P260 Do not breathe spray.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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P303 + P361 + P353IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or

shower].

P305 + P351 + P338IF 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. P390 Absorb spillage to prevent material damage.

Precautionary statements - Disposal:

Dispose of contents/container in accordance with local / regional / national / international regulations.

Other information:

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances = 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition:

Identification	(EC) 1272/2008	Note	%
INDEX: 79_33_4	GHS05		$2.5 \le x \% < 5$
CAS: 79-33-4	Dgr		
EC: 201-196-2	Skin Irrit. 2, H315		
REACH: 01-2119474164-39	Eye Dam. 1, H318		
LACTIC ACID			
INDEX: 603_002_00_5	GHS07, GHS02	[1]	$2.5 \le x \% < 5$
CAS: 64-17-5	Dgr		
EC: 200-578-6	Flam. Liq. 2, H225		
REACH: 01-2119457610-43	Eye Irrit. 2, H319		
ETHANOL			
INDEX: 68439_50_9	GHS07, GHS05		$2.5 \le x \% < 5$
CAS: 68439-50-9	Dgr		
EC: 932-106-6	Acute Tox. 4, H302		
	Eye Dam. 1, H318		
ALCOHOLS C12-14, ETHOXYLATED	Aquatic Chronic 3, H412		
INDEX: 5949_29_1	GHS07		$2.5 \le x \% < 5$
CAS: 5949-29-1	Wng		
EC: 201-069-1	Eye Irrit. 2, H319		
REACH: 01-2119457026-42			
CITRIC ACID MONOHYDRATE			
INDEX: 603-096-00-8	GHS07	[1]	$2.5 \le x \% < 5$
CAS: 112-34-5	Wng	[XVII]	
EC: 203-961-6	Eye Irrit. 2, H319		
REACH: 01-2119475104-44			
A (A DAVE AND			
2-(2-BUTOXYETHOXY)ETHANOL	CHICAS	D.	1 . 0/ . 2.5
INDEX: 015_011_00_6	GHS05	B	$1 \le x \% < 2.5$
CAS: 7664-38-2	Dgr	[1]	
EC: 231-633-2	Met. Corr. 1, H290		
REACH: 01-2119485924-24	Skin Corr. 1B, H314		
PHOSPHORIC ACID			
INDEX: 2809 21 4	GHS05		1 <= x % < 2.5
CAS: 2809-21-4	Dgr		1 \- A /0 \ 2.3
EC: 220-552-8	Met. Corr. 1, H290		
REACH: 01-2119510391-53	Eye Dam. 1, H318		
KLACII. 01-2119310391-33	Eye Dam. 1, 11316		
DIPHOSPHONIC HYDROXYETHANE ACID			
DI HOM HOME HI DROM I ETIMINE MCID			

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			1
INDEX: 79 14 1	GHS07, GHS05		$1 \le x \% < 2.5$
CAS: 79-14-1	Dgr		
EC: 201-180-5	Met. Corr. 1, H290		
REACH: 01-2119485579-17	Skin Corr. 1B, H314		
	Acute Tox. 4, H332		
GLYCOLIC ACID			
INDEX: 61789 40 0	GHS05		1 <= x % < 2.5
CAS: 61789-40-0	Dgr		1 1170 210
EC: 263-058-8	Eye Dam. 1, H318		
	Aquatic Chronic 3, H412		
1-PROPANAMINIUM,			
3-AMINO-N-(CARBOXYMETHYL)-N,N-DIM			
ETHYL-,N-(C12-18 (EVEN NUMBERED)			
ACYL) DERIVS., YDROXIDES, INNER			
SALTS	CHOOS CHOOS	F13	0 . 0/ .01
INDEX: I606002003	GHS02, GHS07	[1]	$0 \le x \% < 0.1$
CAS: 78-93-3	Dgr		
EC: 201-159-0	Flam. Liq. 2, H225		
	Eye Irrit. 2, H319		
2-BUTANONE	STOT SE 3, H336		
		D	0 <= 0/ < 0.1
INDEX: 607-002-00-6	GHS02, GHS05	В	$0 \le x \% < 0.1$
CAS: 64-19-7	Dgr	[1]	
EC: 200-580-7	Flam. Liq. 3, H226		
REACH: 01-2119475328-30	Skin Corr. 1A, H314		
	, -		
ACETIC ACID			
DIDEN 1140 11 4		F13	0 1 0/ 101
INDEX: I140_11_4		[1]	$0 \le x \% < 0.1$
CAS: 140-11-4	Wng		
EC: 205-399-7	Aquatic Chronic 3, H412		
REACH: 01-2119638272-42			
100110111 01 2117 00 0272 12			
DENZVI ACETATE			
BENZYL ACETATE	GIIGOA GIIGOA GIIGOO	547	
INDEX: I80_56_8	GHS02, GHS07, GHS08, GHS09	[1]	$0 \le x \% < 0.1$
CAS: 80-56-8	Dgr		
EC: 201-291-9	Flam. Liq. 3, H226		
REACH: 01-2119519223-49	Acute Tox. 4, H302		
REFICIT: 01 211/31/223 1/	Asp. Tox. 1, H304		
ALDIIA DINENE			
ALPHA-PINENE	Skin Irrit. 2, H315		
	Skin Sens. 1B, H317		
	Aquatic Acute 1, H400		
	Aquatic Acute 1, H400 M Acute = 1		
	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410		
	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0 < 9/ :01
INDEX: I127_91_3	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr	[1]	0 <= x % < 0.1
INDEX: I127_91_3	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS07	[1]	$0 \le x \% < 0.1$ $0 \le x \% < 0.1$
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE INDEX: 605-019-00-3 CAS: 5392-40-5	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS07 Wng		
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS07 Wng Skin Irrit. 2, H315		
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE INDEX: 605-019-00-3 CAS: 5392-40-5 EC: 226-394-6	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS07 Wng		
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE INDEX: 605-019-00-3 CAS: 5392-40-5	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS07 Wng Skin Irrit. 2, H315		
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE INDEX: 605-019-00-3 CAS: 5392-40-5 EC: 226-394-6 CITRAL	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317	[1]	
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE INDEX: 605-019-00-3 CAS: 5392-40-5 EC: 226-394-6 CITRAL INDEX: 603-057-00-5	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317		0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE INDEX: 605-019-00-3 CAS: 5392-40-5 EC: 226-394-6 CITRAL INDEX: 603-057-00-5 CAS: 100-51-6	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE INDEX: 605-019-00-3 CAS: 5392-40-5 EC: 226-394-6 CITRAL INDEX: 603-057-00-5	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE INDEX: 605-019-00-3 CAS: 5392-40-5 EC: 226-394-6 CITRAL INDEX: 603-057-00-5 CAS: 100-51-6 EC: 202-859-9	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317	[1]	0 <= x % < 0.1
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54 BETA-PINENE INDEX: 605-019-00-3 CAS: 5392-40-5 EC: 226-394-6 CITRAL INDEX: 603-057-00-5 CAS: 100-51-6	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317	[1]	0 <= x % < 0.1

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Specific concentration limits:

Specific concentration limits:		
Identification	Specific concentration limits	ATE
INDEX: 79_33_4		oral: ATE = 3750 mg/kg BW
CAS: 79-33-4		
EC: 201-196-2		
REACH: 01-2119474164-39		
REACH. 01-21194/4104-39		
I A CITIC A CID		
LACTIC ACID		
INDEX: 603_002_00_5		inhalation: ATE = 51 mg/l 4h
CAS: 64-17-5		
EC: 200-578-6		oral: ATE = 10470 mg/kg BW
REACH: 01-2119457610-43		
ETHANOL		
INDEX: 5949 29 1		oral: ATE = 5400 mg/kg BW
CAS: 5949-29-1		oran. Title 5 100 mg/kg b W
EC: 201-069-1		
REACH: 01-2119457026-42		
CITRIC ACID MONOHYDRATE		
INDEX: 015_011_00_6	Skin Corr. 1B: H314 C>= 25%	dermal: ATE = 2740 mg/kg BW
CAS: 7664-38-2	Skin Irrit. 2: H315 10% <= C < 25%	oral: ATE = 2600 mg/kg BW
EC: 231-633-2	Eye Dam. 1: H318 C>= 25%	
REACH: 01-2119485924-24	Eye Irrit. 2: H319 10% <= C < 25%	
REMOII. 01 211) 103)21 21	Eye IIII. 2. 11319 1070 C 12370	
DHOSDHODIC ACID		
PHOSPHORIC ACID		1 ATE 2120 / DW/
INDEX: 2809_21_4		oral: ATE = 3130 mg/kg BW
CAS: 2809-21-4		
EC: 220-552-8		
REACH: 01-2119510391-53		
DIPHOSPHONIC HYDROXYETHANE ACID		
INDEX: 79 14 1		dermal: ATE = 3.6 mg/kg BW
CAS: 79-14-1		oral: ATE = 2040 mg/kg BW
EC: 201-180-5		oral. ATE = 2040 mg/kg bw
REACH: 01-2119485579-17		
GLYCOLIC ACID		
INDEX: 61789_40_0		oral: ATE = 2430 mg/kg BW
CAS: 61789-40-0		
EC: 263-058-8		
1-PROPANAMINIUM,		
3-AMINO-N-(CARBOXYMETHYL)-N,N-DIM		
ETHYL-,N-(C12-18 (EVEN NUMBERED)		
ACYL) DERIVS., YDROXIDES, INNER		
SALTS		1 ATEC 4000 # DVV
INDEX: 1606002003		oral: ATE = 4000 mg/kg BW
CAS: 78-93-3		
EC: 201-159-0		
2-BUTANONE		
INDEX: 607-002-00-6	Skin Corr. 1A: H314 C>= 90%	
CAS: 64-19-7	Skin Corr. 1B: H314 25% <= C < 90%	
EC: 200-580-7	Skin Irrit. 2: H315 10% <= C < 25%	
REACH: 01-2119475328-30	Eye Dam. 1: H318 C>= 25%	
A CETTIC A CID	Eye Irrit. 2: H319 10% <= C < 25%	
ACETIC ACID		
INDEX: I140_11_4		oral: ATE = 2490 mg/kg BW
CAS: 140-11-4		
EC: 205-399-7		
REACH: 01-2119638272-42		
BENZYL ACETATE		
DELLE I DI ICDINI D		

Information on ingredients :

(Full text of H-phrases: see section 16)

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[XVII] Restricted substance under Regulation (EC) No. 1907/2006 (REACH), Annex XVII.

[1] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures

In the event of exposure by inhalation:

In the event of massive inhalation, remove the person to fresh air and keep warm and at rest.

In the event of splashes or contact with eyes:

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin:

Remove any soiled or splashed clothing immediately.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

If the contaminated aera is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In case of skin contact, rinse with plenty of water for at least 15 minutes. Contact a doctor.

In the event of swallowing:

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

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

No data available.

SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use:

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

Unsuitable methods of extinction

In the event of a fire, do not use:

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO2)

5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Neutralise with an alkaline decontaminant, such as an aqueous solution of sodium carbonate or similar.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention:

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Where the personnel must carry out work in a booth, whether for spraying or otherwise, the ventilation may be inadequate to control particles and solvent vapors in every case.

It is therefore recommended that personnel wear masks with a compressed air supply during spraying operations until the concentration of particles and solvent vapors has fallen below the exposure limits.

Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of reach of children.

Storage

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Recommended storage temperature: + $5^{\circ}C$ to + $40^{\circ}C$

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

- European Union (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE):

CAS	VME-mg/m3	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Notes:
112-34-5	67.5	10	101.2	15	-
7664-38-2	1	-	2	-	-
78-93-3	600	200	900	300	-
64-19-7	25	10	50	20	-

- Germany - AGW (BAuA - TRGS 900, 02/2022):

CAS	VME:	VME :	Excess	Notes
64-17-5		200 ppm		4(II)
		380 mg/m ³		
112-34-5		10 ppm		1.5 (I)
		67 mg/m^3		
7664-38-2		2E mg/m³		2(I)
78-93-3		200 ppm		1(I)
		600 mg/m ³		
64-19-7		10 ppm		2(I)
		25 mg/m ³		
100-51-6		5 ppm		2 (I)
		22 mg/m ³		

- Belgium (Royal decree of 11/05/2021):

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
64-17-5	1000 ppm				
	1907 mg/m ³				
112-34-5	10 ppm	15 ppm			
	67.5 mg/m^3	101.2 mg/m ³			
7664-38-2	1 mg/m³	2 mg/m³			
78-93-3	200 ppm	300 ppm			
	600 mg/m ³	900 mg/m ³			
64-19-7	10 ppm	15 ppm			
	25 mg/m ³	38 mg/m^3			
140-11-4	10 ppm				
	62 mg/m ³				
80-56-8	20 ppm				
127-91-3	20 ppm				
5392-40-5	5 ppm			D	
	32 mg/m ³				

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021):

1 1001100 (11 1110	0 44110 00 1 2021	- · · · · · · · · · · · · · · · · · · ·	,	12:2021).			
CAS	VME-ppm:	VME-mg/m3:	: VLE-ppm :	VLE-mg/m3:	Notes:	TMP No:	
64-17-5	1000	1900	5000	9500	-	84	
112-34-5	10	67.5	15	101.2	-	-	
7664-38-2	0.2	1	0.5	2	-	-	-
78-93-3	200	600	300	900	*	84	
64-19-7	10	25	20	50	_	_	1

- Switzerland (Suva 2021):

BWILECTIANIA (BI	ava 2021).			
CAS	VME	VLE	Valeur plafond	Notations
64-17-5	500 ppm	1000 ppm		
	960 mg/m ³	1920 mg/m ³		
112-34-5	10 ppm	15 ppm		
	67 mg/m ³	101 mg/m ³		
7664-38-2	2 ppm	4 ppm		
78-93-3	200 ppm	200 ppm		
	590 mg/m ³	590 mg/m ³		
64-19-7	10 ppm	20 ppm		
	25 mg/m ³	50 mg/m^3		

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)

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100-51-6	5 ppm 22 mg/m ³			
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- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
64-17-5	1000 ppm				
	1920 mg/m ³				
112-34-5	10 ppm	15 ppm			
	67.5 mg/m ³	101.2 mg/m ³			
7664-38-2	1 mg/m ³	2 mg/m ³			
78-93-3	200 ppm	300 ppm		Sk. BMGV	
	600 mg/m ³	899 mg/m ³			
64-19-7	10 ppm	20 ppm			
	25 mg/m ³	50 mg/m ³			

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

 $1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N, N-DIMETHYL-, N-(C12-18 \ (EVEN NUMBERED) \ ACYL) \ DERIVS., YDROXIDES, INNER SALTS \ (CAS: 61789-40-0)$

Final use: Workers.
Exposure method: Dermal contact.

Potential health effects: Long term systemic effects.

DNEL: 12.5 mg/kg body weight/day

Exposure method: Inhalation.

Potential health effects: Long term systemic effects.

DNEL: 44 mg of substance/m3

Final use: Consumers. Exposure method: Ingestion.

Potential health effects: Long term systemic effects.

DNEL: 7.5 mg/kg body weight/day

Exposure method: Dermal contact.

Potential health effects: Long term systemic effects.

DNEL: 7.5 mg/kg body weight/day

GLYCOLIC ACID (CAS: 79-14-1)

Final use: Workers.
Exposure method: Dermal contact.

Potential health effects:

DNEL:

Long term systemic effects.

57.69 mg/kg body weight/day

Exposure method: Inhalation.

Potential health effects: Short term systemic effects.

DNEL: 9.2 mg of substance/m3

Exposure method: Inhalation.

Potential health effects: Short term local effects.

DNEL: 9.2 mg of substance/m3

Exposure method: Inhalation.

Potential health effects: Long term systemic effects.

DNEL: 10.56 mg of substance/m3

Exposure method: Inhalation.

Potential health effects: Long term local effects.

DNEL: 1.53 mg of substance/m3

Final use: Consumers. Exposure method: Ingestion.

Potential health effects: Long term systemic effects.

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DNEL: 0.75 mg/kg body weight/day

Exposure method: Dermal contact.

Potential health effects: Short term local effects.

DNEL: 28.85 mg/kg body weight/day

Exposure method: Inhalation.

Potential health effects: Short term systemic effects. DNEL: 2.3 mg of substance/m3

Exposure method: Inhalation.

Potential health effects: Short term local effects.

DNEL: 2.3 mg of substance/m3

Exposure method: Inhalation.

Potential health effects: Long term systemic effects.

DNEL: 2.6 mg of substance/m3

DIPHOSPHONIC HYDROXYETHANE ACID (CAS: 2809-21-4)

Final use: Workers. Exposure method: Ingestion.

Potential health effects: Long term systemic effects.

DNEL: 13 mg/kg body weight/day

Final use: Consumers.

Exposure method: Ingestion.

Potential health effects: Long term systemic effects.

DNEL: 6.5 mg/kg body weight/day

PHOSPHORIC ACID ...% (CAS: 7664-38-2)

Final use: Workers. Exposure method: Inhalation.

Exposure method: Inhalation.

Potential health effects: Long term local effects.

DNEL: 2.92 mg of substance/m3

Final use: Consumers. Exposure method: Inhalation.

Potential health effects: Long term local effects.

DNEL: 0.73 mg of substance/m3

ETHANOL (CAS: 64-17-5)

Final use: Workers.
Exposure method: Dermal contact.

Potential health effects: Long term systemic effects.

DNEL: 343 mg/kg body weight/day

Exposure method: Inhalation

Potential health effects: Short term local effects.

DNEL: 1900 mg of substance/m3

Exposure method: Inhalation.

Potential health effects: Long term systemic effects.

DNEL: 950 mg of substance/m3

Final use: Consumers.

Exposure method: Ingestion.

Potential health effects: Short term systemic effects.

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DNEL: 87 mg/kg body weight/day

Dermal contact. Exposure method:

Potential health effects: Long term systemic effects. DNEL: 206 mg/kg body weight/day

Exposure method: Inhalation.

Potential health effects: Short term local effects. DNEL: 950 mg of substance/m3

Exposure method: Inhalation.

Long term systemic effects. Potential health effects: DNEL: 114 mg of substance/m3

Predicted no effect concentration (PNEC):

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Environmental compartment: PNEC: 0.8 mg/kg

Environmental compartment: Fresh water. PNEC: 0.0135 mg/l

Environmental compartment: Sea water. PNEC: 0.00135 mg/l

Environmental compartment: Fresh water sediment.

PNEC: 1 mg/kg

Marine sediment. Environmental compartment: PNEC: 0.1 mg/kg

Waste water treatment plant. Environmental compartment:

PNEC: 3000 mg/l

GLYCOLIC ACID (CAS: 79-14-1)

Environmental compartment: Soil.

0.007 mg/kg PNEC:

Environmental compartment: Fresh water. PNEC: 0.0321 mg/l

Environmental compartment: Sea water. PNEC: 0.0031 mg/l

Environmental compartment: Intermittent waste water.

PNEC: 0.312 mg/l

Environmental compartment: Fresh water sediment.

0.115 mg/kg PNEC:

Environmental compartment: Marine sediment. 0.0155 mg/kg PNEC:

Environmental compartment: Waste water treatment plant.

PNEC: 7 mg/l

DIPHOSPHONIC HYDROXYETHANE ACID (CAS: 2809-21-4)

Environmental compartment: Soil.

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PNEC: 96 mg/l

Environmental compartment: Fresh water. PNEC: 0.136 mg/l

Environmental compartment: Sea water. PNEC: 0.0136 mg/l

Environmental compartment: Fresh water sediment.

PNEC: 59 mg/kg

Environmental compartment: Marine sediment. PNEC: 5.9 mg/kg

Environmental compartment: Waste water treatment plant.

PNEC: 20 mg/l

CITRIC ACID MONOHYDRATE (CAS: 5949-29-1)

Environmental compartment: Soil. PNEC: 33.1 mg/kg

Environmental compartment: Fresh water. PNEC: 0.44 mg/l

Environmental compartment: Sea water. PNEC: 0.044 mg/l

Environmental compartment: Fresh water sediment.

PNEC: 3.46 mg/kg

Environmental compartment: Marine sediment. PNEC: 34.6 mg/kg

ETHANOL (CAS: 64-17-5)

Environmental compartment: Soil. PNEC: 0.63 mg/kg

Environmental compartment: Fresh water. PNEC: 0.96 mg/l

Environmental compartment: Sea water. PNEC: 0.79 mg/l

Environmental compartment: Intermittent waste water.

PNEC: 2.75 mg/l

Environmental compartment: Fresh water sediment.

PNEC: 3.6 mg/kg

Environmental compartment: Marine sediment. PNEC: 2.9 mg/kg

Environmental compartment: Waste water treatment plant.

PNEC: 580 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area.

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Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

When spraying, wear a face shield in accordance with standard EN166.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended:

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing:

Wear suitable protective clothing, in particular overalls and boots. These items must be kept in good condition and cleaned after use.

Suitable type of protective boots:

In the event of minor spatter, wear protective boots or half-boots against chemical risks in accordance with standard EN13832-2.

In the event of prolonged contact, wear boots or half-boots with liquid-chemical-resistant and waterproof soles and uppers in accordance with standard EN13832-3.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state Physical state: Viscous liquid.

Colour

Blue Opalescent

Odour

Odour threshold: Not stated.

Exotic

Melting point

Melting point/melting range: Not specified.

Freezing point

Freezing point / Freezing range: Not stated.

Boiling point or initial boiling point and boiling range

Not specified. Boiling point/boiling range:

Flammability

Not stated. Flammability (solid, gas):

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%): Not stated. Explosive properties, upper explosivity limit (%): Not stated.

Flash point

Flash Point: 64.00 °C. SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)

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Auto-ignition temperature

Self-ignition temperature: Not specified.

Decomposition temperature

Decomposition point/decomposition range: Not specified.

pН

pH: 1.50 +/-0.5.

Strongly acidic.

pH (aqueous solution): Not stated.

Kinematic viscosity

Viscosity: 800 cP +/-50

Solubility

Water solubility: Soluble.
Fat solubility: Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water: Not stated.

Vapour pressure

Vapour pressure (50°C): Not relevant.

Density and/or relative density

Density: 1.04 +/-0.01

Method for determining the density:

ISO 649-2 (Laboratory glassware - Density hydrometers for general purposes

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- Part 2: Test methods and use).

Relative vapour density

Vapour density: Not stated.

9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Mixture which by chemical action can corrode and even destroy metals.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4. Conditions to avoid

Avoid:

- frost
- heat

10.5. Incompatible materials

Keep away from:

- bases

10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO2)

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

May cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following exposure for up to three minutes.

Corrosive reactions are typified by ulcers, bleeding, bloody scabs, and, by the end of observation at 14 days, by discolouration due to blanching of the skin, complete areas of alopecia, and scars.

11.1.1. Substances

Acute toxicity:

BENZYL ACETATE (CAS: 140-11-4)

Oral route: LD50 = 2490 mg/kg

2-BUTANONE (CAS: 78-93-3)

Oral route: LD50 = 4000 mg/kg

1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL-,N-(C12-18 (EVEN NUMBERED) ACYL) DERIVS.,

YDROXIDES, INNER SALTS (CAS: 61789-40-0)

Oral route: LD50 = 2430 mg/kg

Species: Rat

Dermal route : LD50 > 620 mg/kg

Species: Rat

GLYCOLIC ACID (CAS: 79-14-1)

Oral route : LD50 = 2040 mg/kg

Species: Rat

Dermal route : LD50 = 3.6 mg/kg

Species: Rat

Inhalation route (n/a): LC50 > 5.2 mg/l

Species: Rat

DIPHOSPHONIC HYDROXYETHANE ACID (CAS: 2809-21-4)

Oral route : LD50 = 3130 mg/kg

Species: Rat

Dermal route : LD50 > 7940 mg/kg

Species: Rabbit

PHOSPHORIC ACID ...% (CAS: 7664-38-2)

Oral route : LD50 = 2600 mg/kg

Species: Rat

OECD Guideline 423 (Acute Oral toxicityAcute Toxic Class Method)

Dermal route : LD50 = 2740 mg/kg

Species: Rabbit

CITRIC ACID MONOHYDRATE (CAS: 5949-29-1)

Oral route: LD50 = 5400 mg/kg

Species: Mouse

Dermal route : LD50 > 2000 mg/kg

ETHANOL (CAS: 64-17-5)

Oral route: LD50 = 10470 mg/kg

Species: Rat

OECD Guideline 401 (Acute Oral Toxicity)

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LD50 > 2000 mg/kgDermal route:

Species: Rabbit

OECD Guideline 402 (Acute Dermal Toxicity)

Inhalation route (n/a): LC50 = 51 mg/l

Species: Rat

Duration of exposure: 4 h

LACTIC ACID (CAS: 79-33-4)

LD50 = 3750 mg/kgOral route:

11.1.2. Mixture

Skin corrosion/skin irritation:

Corrosive classification is based on an extreme pH value.

Serious damage to eyes/eye irritation:

Corrosive classification is based on an extreme pH value.

11.2. Information on other hazards

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL-,N-(C12-18 (EVEN NUMBERED) ACYL) DERIVS.,

YDROXIDES, INNER SALTS (CAS: 61789-40-0)

Fish toxicity: Duration of exposure: 96 h

Crustacean toxicity: Duration of exposure: 48 h

PHOSPHORIC ACID ...% (CAS: 7664-38-2)

LC50 = 3 mg/lFish toxicity:

> Species: Lepomis macrochirus Duration of exposure: 96 h

CITRIC ACID MONOHYDRATE (CAS: 5949-29-1)

LC50 = 440 mg/lFish toxicity:

Duration of exposure: 48 h

EC50 = 1535 mg/lCrustacean toxicity:

> Species: Daphnia magna Duration of exposure: 24 h

ETHANOL (CAS: 64-17-5)

Fish toxicity: LC50 = 13000 mg/l

Species: Oncorhynchus mykiss Duration of exposure: 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

EC50 = 5012 mg/lCrustacean toxicity:

Species: Ceriodaphnia dubia Duration of exposure: 48 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

The surfactants contained in this preparation 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 Member States and will be provided with their request or at the request of a detergent manufacturer.

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12.2.1. Substances

1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL-,N-(C12-18 (EVEN NUMBERED) ACYL) DERIVS., YDROXIDES, INNER SALTS (CAS: 61789-40-0)

Biodegradability: Rapidly degradable.

GLYCOLIC ACID (CAS: 79-14-1)

Biodegradability: Rapidly degradable.

CITRIC ACID MONOHYDRATE (CAS: 5949-29-1)

Biodegradability: Rapidly degradable.

ETHANOL (CAS: 64-17-5)

Biodegradability: Rapidly degradable.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2021 - IMDG 2020 [40-20] - ICAO/IATA 2022 [63]).

14.1. UN number or ID number

3265

14.2. UN proper shipping name

UN3265=CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

(phosphoric acid ...%, glycolic acid)

14.3. Transport hazard class(es)

- Classification:



14.4. Packing group

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14.5. Environmental hazards

-

14.6. Special precautions for user

ADR/RID C	Class	Code	Pack gr.	Label	Ident.	LQ	Provis	EQ	Cat.	Tunnel
8	. (C3	III	8	80	5 L	274	E1	3	Е

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	8	-	III	5 L	F-A. S-B	223 274	E1	Category A SW2	SGG1 SG36 SG49

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	8	-	III	852	5 L	856	60 L	A3 A803	E1
	8	-	III	Y841	1 L	-	-	A3 A803	E1

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No 1272/2008 amended and its amendments EU . (ATP)

- Container information:

No data available.

-Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture contains at least one restricted substance under Annex XVII of Regulation (EC) No. 1907/2006 (REACH): https://echa.europa.eu/substances-restricted-under-reach. Please refer to Section 3 to identify the substance involved.

- Particular provisions:

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006):

- less than 5 %: phosphonates

- less than 5 % : amphoteric surfactants

- less than 5 %: non-ionic surfactants

- perfumes

15.2. Chemical safety assessment

No data available.

SECTION 16: OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Changes from the previous version:

- Section 3
- Section 9

Wording of the phrases mentioned in section 3:

H225 Highly flammable liquid and vapour.
 H226 Flammable liquid and vapour.
 H290 May be corrosive to metals.
 H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.

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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.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects.

Abbreviations:

LD50: The dose of a test substance resulting in 50% lethality in a given time period. LC50: The concentration of a test substance resulting in 50% lethality in a given period. EC50: The effective concentration of substance that causes 50% of the maximum response. REACH: Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE: Acute Toxicity Estimate

BW: Body Weight

DNEL: Derived No-Effect Level

PNEC: Predicted No-Effect Concentration

UFI : Unique formulation identifier. STEL : Short-term exposure limit TWA : Time Weighted Averages

TMP : French Occupational Illness table TLV : Threshold Limit Value (exposure)

AEV: Average Exposure Value.

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods. IATA : International Air Transport Association. ICAO : International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefahrdungsklasse (Water Hazard Class).

GHS05: Corrosion

PBT: Persistent, bioaccumulable and toxic. vPvB: Very persistent, very bioaccumulable. SVHC: Substances of very high concern.