

**BELLINZONI S.R.L.**

Revision nr. 5

Dated 06/03/2023

089CAGE - IDEA STONAGER

Printed on 28/04/2023

Page n. 1/31

Replaced revision:4 (Printed on: 04/12/2020)

Safety Data Sheet

According to Annex II to REACH - Regulation 2020/878

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

1.1. Product identifier

Code: 089CAGE-089CAGE0025-089CAGE001-089CAGE005-089CAGE025-089CAGE200
Product name: IDEA STONAGER
UFI: RCN0-W0R7-A00E-EQEY

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

Intended use: Product with hydro and oil repellent action with toning effect for the treatment of stone surfaces

Identified Uses	Industrial	Professional	Consumer
Protective, water-repellent, oil-repellent, toning	-	ERC: 8a. PROC: 8a, 10 LCS: PW.	

1.3. Details of the supplier of the safety data sheet

Name: BELLINZONI S.R.L.
Full address: Via Mezzano 64
District and Country: 28069 Trecate (NO)
Italy
Tel. +39 0321 770558

e-mail address of the competent person

responsible for the Safety Data Sheet
Supplier:

laboratorio@bellinzoni.com
BELLINZONI S.r.l.

1.4. Emergency telephone number

For urgent inquiries refer to

- CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA – Roma - Piazza Sant'Onofrio, 4 CAP: 00165 – Telefono: 06 68593726 – Responsabile: Marco Marano
- Az. Osp. Univ. Foggia – Foggia - V.le Luigi Pinto, 1 – CAP: 71122 – Telefono: 800183459 – Responsabile: Anna Lepore
- Az. Osp. "A. Cardarelli" – Napoli - Via A. Cardarelli, 9 – CAP: 80131081- Telefono: 5453333 – Responsabile: Romolo Villani
- CAV Policlinico "Umberto I" - Roma - V.le del Policlinico, 155 – CAP: 161 – Telefono: 06-49978000 – Responsabile: M. Caterina Grassi
- CAV Policlinico "A. Gemelli" - Roma - Largo Agostino Gemelli, 8 – CAP: 168 – Telefono: 06-3054343 – Responsabile: Alessandro Barelli
- Az. Osp. "Careggi" U.O. Tossicologia Medica – Firenze - Largo Brambilla, 3 – CAP: 50134 – Telefono: 055-7947819 – Responsabile: Francesco Gambassi
- CAV Centro Nazionale di Informazione Tossicologica - Pavia – Via Salvatore Maugeri, 10 – CAP: 27100 - Telefono: 0382-24444 – Responsabile: Carlo Locatelli
- Osp. Niguarda Ca' Granda – Milano - Piazza Ospedale Maggiore, 3 – CAP: 20162 – Telefono: 02-66101029 – Responsabile: Franca Davanzo
- Azienda Ospedaliera Papa Giovanni XXII – Bergamo - Piazza OMS, 1 – CAP: 24127 – Telefono: 800883300 – Responsabile: Bacis Giuseppe
- Azienda Ospedaliera Integrata Verona – Verona - Piazzale Aristide Stefani, 1 – CAP: 37126 – Telefono 800011858 – Responsabile: Giorgio Ricci

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SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Flammable liquid, category 2	H225	Highly flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Eye irritation, category 2	H319	Causes serious eye irritation.

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words: Danger

Hazard statements:

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

Precautionary statements:

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/ protective clothing / eye protection / face protection.
P301+P310	IF SWALLOWED: immediately call a POISON CENTER / doctor
P331	Do NOT induce vomiting.
P501	Dispose of the product / container in accordance with local / regional / national / international regulations.

Contains: HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage $\geq$ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration $\geq$ 0.1%.

The product hydrolyzes with the formation of methanol (CAS no. 67-56-1). Methanol is classified for both physical and health hazards. The rate of hydrolysis and therefore also the relevance for the hazard of the product strongly depend on the specific conditions.

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SECTION 3. Composition/information on ingredients

3.1. Substances

Information not relevant

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP)
HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS CAS - EC 918-481-9 INDEX - REACH Reg. 01-2119457273-39	35 ≤ x < 40	Flam. Liq. 3 H226, Asp. Tox. 1 H304, EUH066
DIPROPYLENE GLYCOL MONOMETHYL ETHER CAS 34590-94-8 EC 252-104-2 INDEX - REACH Reg. 01-2119450011-60	13 ≤ x < 16	Substance with a community workplace exposure limit.
2-(2-ETHOXYETHOXY)ETHYL ACETATE CAS 112-15-2 EC 203-940-1 INDEX - REACH Reg. 01-2119966911-29	3 ≤ x < 4	Eye Irrit. 2 H319
N-BUTYL ACETATE CAS 123-86-4 EC 204-658-1 INDEX 607-025-00-1 REACH Reg. 01-2119485493-29	2 ≤ x < 3	Flam. Liq. 3 H226, STOT SE 3 H336, EUH066
TITANIUM TETRABUTANOLATE CAS 5593-70-4 EC 227-006-8 INDEX - REACH Reg. 01-2119967423-33	1 ≤ x < 2	Flam. Liq. 3 H226, Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, STOT SE 3 H336
METHANOL CAS 67-56-1 EC 200-659-6 INDEX 603-001-00-X	0,25 ≤ x < 0,4	Flam. Liq. 2 H225, Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331, STOT SE 1 H370 STOT SE 2 H371: ≥ 3% STA Oral: 100 mg/kg, STA Dermal: 300 mg/kg, STA Inhalation vapours: 3 mg/l
1-METHOXY-2-PROPANOL CAS 107-98-2 EC 203-539-1 INDEX 603-064-00-3 REACH Reg. 01-2119457435-35-0001	0 ≤ x < 0,05	Flam. Liq. 3 H226, STOT SE 3 H336

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The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.

INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Methanol (CAS 67-56-1) is well and rapidly absorbed through all routes of exposure and is toxic regardless of the type of dose taken. Methanol can cause mucosal irritation, nausea, vomiting, headache, dizziness and visual disturbances, as well as blindness (irreversible damage to the optic nerve), acidosis, muscle cramps and coma. Delays in the onset of these effects may occur following exposure. Additional information on toxicology in section 11 should be observed

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

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6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

AUS	Österreich	Gesamte Rechtsvorschrift für Grenzwerteverordnung 2021 , Fassung vom 17.06.2021
BEL	Belgique	Liste de valeurs limites d'exposition aux agents chimiques, livre VI du code du bien-être au travail
BGR	България	НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. ЗА ЗАЩИТА НА РАБОТЕЩИТЕ ОТ РИСКОВЕ, СВЪРЗАНИ С ЕКСПОЗИЦИЯ НА ХИМИЧНИ АГЕНТИ ПРИ РАБОТА (изм. ДВ. бр.5 от 17 Януари 2020г.)
CHE	Suisse / Schweiz	Valeurs limites d'exposition aux postes de travail: VME/VLE (SUVA). Grenzwerte am Arbeitsplatz: MAK (SUVA)
CYP	Κύπρος	Οι περί Αζθάλειας και Υγείας στην Εργασία (Φημικοί Πατάγονηρ) (Τποποποιητικοί) Κανονισμοί ηος 2019. Οι περί Ασφάλειας και Υγείας στην Εργασία (Καρκινογόνοι και Μεταλλαξιογόνοι Παράγοντες) (Τροποποιητικοί) Κανονισμοί του 2020
CZE	Česká Republika	Nařízení vlády č. 41/2020 Sb. Nařízení vlády, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se stanoví podmínky ochrany zdraví při práci, ve znění pozdějších předpisů
DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56
DNK	Danmark	Bekendtgørelse om grænseværdier for stoffer og materialer - BEK nr 1458 af 13/12/2019
ESP	España	Límites de exposición profesional para agentes químicos en España 2021
EST	Eesti	Ohtlike kemikaalide ja neid sisaldavate materjalide kasutamise töötavishoiu ja tööohutuse nõuded ning töökeskkonna keemiliste ohutegurite piirnormid [RT I, 17.10.2019, 1 - jõust. 17.01.2020]
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
FIN	Suomi	HTP-VÄRDEN 2020. Koncentrationer som befunnits skadliga. SOCIAL - OCH HÄLSOVÄRDSMINISTERIETS PUBLIKATIONER 2020:25
GRC	Ελλάδα	Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών

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		2017/2398/EE, 2019/130/EE και 2019/983/EE «για την τροποποίηση της οδηγίας 2004/37/EK ``σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιογόνους παράγοντες κατά την εργασία``» Az innovációért és technológiáért felelős miniszter 5/2020. (II. 6.) ITM rendelethe a kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről Pravilnik o izmjenama i dopunama Pravilnika o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021) Decreto Legislativo 9 Aprile 2008, n.81 2020 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations (2001-2015) and the Safety, Health and Welfare at Work (Carcinogens) Regulations (2001-2019) Règlement grand-ducal du 24 janvier 2020 modifiant le règlement grand-ducal du 14 novembre 2016 concernant la protection des salariés contre les risques liés à l'exposition à des agents cancérigènes ou mutagènes au travail Jsakymas dėl lietuovs higienos normos hn 23:2011 „cheminių medžiagų profesinio poveikio ribiniai dydžiai. Matavimo ir poveikio vertinimo bendrieji reikalavimai“ patvirtinimo Grozījumi Ministru kabineta 2007. gada 15. maija noteikumos Nr. 325 "Darba aizsardzības prasības saskarē ar ķīmiskajām vielām darba vietās" (prot. Nr. 32 18. §; prot. Nr. 1 22. §) PROTECTION OF THE HEALTH AND SAFETY OF WORKERS FROM THE RISKS RELATED TO CHEMICAL AGENTS AT WORK REGULATIONS (S.L.424.24). PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS OR MUTAGENS AT WORK REGULATIONS (S.L.424.22) Forskrift om endring i forskrift om tiltaksverdi og grenseverdi for fysiske og kjemiske faktorer i arbeidsmiljøet samt smittesikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdi), 21. august 2018 nr. 1255 Arbeidsomstandighedenregeling. Lijst van wettelijke grenswaarden op grond van de artikelen 4.3, eerste lid, en 4.16, eerste lid, van het Arbeidsomstandighedenbesluit Decreto-Lei n.º 1/2021 de 6 de janeiro, valores-limite de exposição profissional indicativos para os agentes químicos. Decreto-Lei n.º 35/2020 de 13 de julho, proteção dos trabalhadores contra os riscos ligados à exposição durante o trabalho a agentes cancerígenos ou mutagénicos Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006 Hygieniska gränsvärden, Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden (AFS 2018:1) NARIADENIE VLÁDY Slovenskej republiky z 12. augusta 2020, ktorým sa mení a dopĺňa nariadenie vlády Slovenskej republiky č. 356/2006 Z. z. o ochrane zdravia zamestnancov pred rizikami súvisiacimi s expozíciou karcinogénnym a mutagénnym faktorom pri práci v znení neskorších predpisov Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu (Uradni list RS, št. 100/01, 39/05, 53/07, 102/10, 43/11 – ZVZD-1, 38/15, 78/18 in 78/19) Kimyasal Maddelerle Çalışmalarda Sağlık ve Güvenlik Önlemleri Hakkında Yönetmelik 12.08.2013 / 28733 EH40/2005 Workplace exposure limits (Fourth Edition 2020) ACGIH 2020 ACGIH TLVs and BEIs – Appendix H
HUN	Magyarország	
HRV	Hrvatska	
ITA	Italia	
IRL	Éire	
LUX	Luxembourg	
LTU	Lietuva	
LVA	Latvija	
MLT	Malta	
NOR	Norge	
NLD	Nederland	
PRT	Portugal	
POL	Polska	
ROU	România	
SWE	Sverige	
SVK	Slovensko	
SVN	Slovenija	
TUR	Türkiye	
GBR	United Kingdom	
EU	TLV-ACGIH RCP TLV	

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS					
Threshold Limit Value					
Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
TLV-ACGIH		1200	184	600	100
RCP TLV		300	50		
DIPROPYLENE GLYCOL MONOMETHYL ETHER					
Threshold Limit Value					
Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
TLV	BGR	308	50		SKIN
TLV	CZE	270	47,34	550	89,1
AGW	DEU	310	50	310	50
MAK	DEU	310	50	310	50

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VLA	ESP	308	50					SKIN
VLEP	FRA	308	50					SKIN
TLV	GRC	600	10	900	150			
AK	HUN	308						
VLEP	ITA	308	50					SKIN
TLV	NOR	300	50					SKIN
TGG	NLD	300						
VLE	PRT	308	50					SKIN
NDS/NDSch	POL	240		480				SKIN
TLV	ROU	308	50					SKIN
NGV/KGV	SWE	300	50	450 (C)	75 (C)			SKIN
NPEL	SVK	908	50					SKIN
MV	SVN	308	50					SKIN
WEL	GBR	308	50					SKIN
OEL	EU	308	50					SKIN
Predicted no-effect concentration - PNEC								
Normal value in fresh water				19				mg/l
Normal value in marine water				1,9				mg/l
Normal value for fresh water sediment				70,2				mg/kg
Normal value for marine water sediment				7,02				mg/kg
Normal value for the terrestrial compartment				274				mg/kg
Health - Derived no-effect level - DNEL / DMEL								
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation				3.2 mg/m3				310 mg/m3
Skin				15 mg/kg bw/d				65 mg/kg bw/d
2-(2-ETHOXYETHOXY)ETHYL ACETATE								
Predicted no-effect concentration - PNEC								
Normal value in fresh water				11				mg/l
Normal value in marine water				0,01				mg/l
Normal value for fresh water sediment				4768				mg/kg
Normal value for marine water sediment				0,04768				mg/kg
Normal value for water, intermittent release				1,1				mg/l
Normal value of STP microorganisms				10				mg/l
Normal value for the terrestrial compartment				448				mg/kg
Health - Derived no-effect level - DNEL / DMEL								
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				0.75 mg/kg bw/d				
Inhalation			VND	2,6 mg/m3			VND	10.45 mg/m3
Skin			VND	0.75 mg/kg bw/d			VND	1.48 mg/kg bw/d

N-BUTYL ACETATE								
Threshold Limit Value								
Type	Country	TWA/8h		STEL/15min		Remarks / Observations		
		mg/m3	ppm	mg/m3	ppm			
MAK	AUS	480	100	480 (C)	100 (C)			
VLEP	BEL	238	50	712	150			
TLV	BGR	710		950				
MAK	CHE	480	100	960	200			
VME/VLE	CHE	480	100	960	200			
TLV	CZE	950	196,65	1200	248,4			
AGW	DEU	300	62	600 (C)	124 (C)			
TLV	DNK	710	150					
VLA	ESP	724	150	965	200			
TLV	EST	500	100	700	150			
VLEP	FRA	710	150	940	200			
TLV	GRC	710	150	950	200			
AK	HUN	241		723				
GVI/KGVI	HRV	724	150	966	200			
OELV	IRL	710	150	950	200			
RD	LTU	500	100	700	150			
RV	LVA	200						
TLV	NOR		75					
TGG	NLD	150						
NDS/NDSCh	POL	240		720				
TLV	ROU	715	150	950	200			
NGV/KGV	SWE	500	100	700 (C)	150 (C)			
NPEL	SVK	500	100	700	150			
MV	SVN	300	62	600	124			
WEL	GBR	724	150	966	200			
OEL	EU	241	50	723	150			
TLV-ACGIH			50		150			
Predicted no-effect concentration - PNEC								
Normal value in fresh water				0,18	mg/l			
Normal value in marine water				0,018	mg/l			
Normal value for fresh water sediment				0,981	mg/kg/d			
Normal value for marine water sediment				0,0981	mg/kg/d			
Normal value for water, intermittent release				0,36	mg/l			
Normal value of STP microorganisms				35,6	mg/l			
Normal value for the terrestrial compartment				0,0903	mg/kg/d			
Health - Derived no-effect level - DNEL / DMEL								
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic

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Oral	2 mg/kg bw/d		2 mg/kg bw/d					
Inhalation	300 mg/m3	300 mg/m3	35,7 mg/m3	12 mg/m3	600 mg/m3	600 mg/m3	300 mg/m3	48 mg/m3
Skin	6 mg/kg bw/d		3,4 mg/kg bw/d		11 mg/kg bw/d		7 mg/kg bw/d	

TITANIUM TETRABUTANOLATE

Predicted no-effect concentration - PNEC								
Normal value in fresh water				0,08	mg/l			
Normal value in marine water				0,008	mg/l			
Normal value for fresh water sediment				0,0687	mg/kg			
Normal value for marine water sediment				0,069	mg/kg			
Normal value for water, intermittent release				2,25	mg/l			
Normal value of STP microorganisms				65	mg/l			
Normal value for the terrestrial compartment				0,0168	mg/kg			

Health - Derived no-effect level - DNEL / DMEL								
Route of exposure	Effects on consumers			Chronic systemic	Effects on workers			Chronic systemic
	Acute local	Acute systemic	Chronic local		Acute local	Acute systemic	Chronic local	
Oral				3,75 mg/kg bw/d				
Inhalation				38 mg/m3				127 mg/m3
Skin				37,5 mg/kg bw/d				

METHANOL

Threshold Limit Value							
Type	Country	TWA/8h		STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
MAK	AUS	260	200	1040	800	SKIN	Häufigkeit pro Schicht:4x
VLEP	BEL	266	200	333	250	SKIN	
TLV	BGR	260	200			SKIN	
MAK	CHE	260	200	1040	800	SKIN	
VME/VLE	CHE	260	200	1040	800	SKIN	
TLV	CYP	260	200			SKIN	
TLV	CZE	250	187,75	1000	751	SKIN	
AGW	DEU	270	200	1080	800	SKIN	
MAK	DEU	130	100	260	200	SKIN	
TLV	DNK	260	200			SKIN	E
VLA	ESP	266	200			SKIN	
TLV	EST	250	200	350	250	SKIN	
VLEP	FRA	260	200	1300	1000	SKIN	11
HTP	FIN	270	200	330	250	SKIN	
TLV	GRC	260	200	325	250		
AK	HUN	260				SKIN	
GVI/KGVI	HRV	260	200			SKIN	
VLEP	ITA	260	200			SKIN	
OELV	IRL	260	200			SKIN	

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VL	LUX	260	200					SKIN
RD	LTU	260	200					SKIN
RV	LVA	260	200					SKIN
TLV	MLT	260	200					SKIN
TLV	NOR	130	100					SKIN
TGG	NLD	133						SKIN
VLE	PRT	260	200					SKIN
NDS/NDSch	POL	100		300				SKIN
TLV	ROU	260	200					SKIN
NGV/KGV	SWE	250	200	350 (C)	250 (C)			SKIN
NPEL	SVK	260	200					SKIN
MV	SVN	260	200	1040	800			SKIN
ESD	TUR	260	200					SKIN
WEL	GBR	266	200	333	250			SKIN
OEL	EU	260	200					
TLV-ACGIH		262	200	328	250			SKIN
Predicted no-effect concentration - PNEC								
Normal value in fresh water				20,8		mg/l		
Normal value in marine water				2,08		mg/l		
Normal value for fresh water sediment				77		mg/kg/d		
Normal value for marine water sediment				7,7		mg/kg/d		
Normal value for water, intermittent release				1,54		mg/l		
Normal value of STP microorganisms				100		mg/l		
Normal value for the terrestrial compartment				100		mg/kg/d		
Health - Derived no-effect level - DNEL / DMEL								
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		4 mg/kg bw/d		4 mg/kg bw/d				
Inhalation	26 mg/m3	26 mg/m3	26 mg/m3	26 mg/m3	130 mg/m3	130 mg/m3	130 mg/m3	130 mg/m3
Skin		4 mg/kg bw/d		4 mg/kg bw/d		20 mg/kg bw/d		20 mg/kg bw/d
1-METHOXY-2-PROPANOL								
Threshold Limit Value								
Type	Country	TWA/8h		STEL/15min		Remarks / Observations		
		mg/m3	ppm	mg/m3	ppm			
MAK	AUS	187	50	187 (C)	50 (C)	SKIN		
VLEP	BEL	184	50	369	100	SKIN		
TLV	BGR	375	100	568	150	SKIN		
MAK	CHE	360	100	720	200			
VME/VLE	CHE	360	100	720	200			
TLV	CYP	375	100	538	150	SKIN		
TLV	CZE	270	72,09	550	146,85	SKIN		
AGW	DEU	370	100	740	200			

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MAK	DEU	370	100	740	200			
TLV	DNK	185	50			SKIN	E	
VLA	ESP	375	100	568	150	SKIN		
TLV	EST	375	100	568	150	SKIN		
VLEP	FRA	188	50	375	100	SKIN		
HTP	FIN	370	100	560	150	SKIN		
TLV	GRC	360	100	1080	300			
AK	HUN	375		568		SKIN		
GVI/KGVI	HRV	375	100	568	150			
VLEP	ITA	375	100	568	150	SKIN		
OELV	IRL	375	100	568	150			
VL	LUX	375	100	568	150	SKIN		
RD	LTU	190	50	300	75	SKIN		
RV	LVA	375	100	568	150	SKIN		
TLV	MLT	375	100	568	150	SKIN		
TLV	NOR	180	50			SKIN		
TGG	NLD	375		563		SKIN		
VLE	PRT	375	100	568	150			
NDS/NDSCh	POL	180		360		SKIN		
TLV	ROU	375	100	568	150	SKIN		
NGV/KGV	SWE	190	50	568	150	SKIN		
NPEL	SVK	375	100	568	150	SKIN		
MV	SVN	375	100	568	150	SKIN		
ESD	TUR	375	100	568	150	SKIN		
WEL	GBR	375	100	560	150	SKIN		
OEL	EU	375	100	568	150	SKIN		
TLV-ACGIH		184	50	368	100			
Predicted no-effect concentration - PNEC								
Normal value in fresh water				10	mg/l			
Normal value in marine water				1	mg/l			
Normal value for fresh water sediment				52,3	mg/kg dw			
Normal value for marine water sediment				5,2	mg/kg dw			
Normal value for water, intermittent release				100	mg/l			
Normal value of STP microorganisms				100	mg/l			
Normal value for the terrestrial compartment				5,49	mg/kg			
Health - Derived no-effect level - DNEL / DMEL								
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral	VND	VND	VND	3,3 mg/kg bw/d				
Inhalation	VND	VND	VND	43,9 mg/m3	553,5 mg/m3	VND	VND	369 mg/m3
Skin	VND	VND	VND	18,1 mg/kg bw/d	VND	VND	VND	50,6 mg/kg bw/d

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Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

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SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	liquid	
Colour	colourless	
Odour	characteristic	Method:own
Odour threshold	7 - 20 ppm	Substance:N-BUTYL ACETATE
Melting point / freezing point	< -20 °C	Method:own
Initial boiling point	127 °C	Substance:N-BUTYL ACETATE
Flammability	flammable liquid	
Lower explosive limit	Not available	Concentration: 1,2 % Substance:N-BUTYL ACETATE
Upper explosive limit	Not available	Concentration: 7,5 % Substance:N-BUTYL ACETATE
Flash point	21 °C	Method:ISO 3679:2015
Auto-ignition temperature	415 °C	Substance:N-BUTYL ACETATE
Decomposition temperature	Not available	
pH	Not applicable	Reason for missing data:the mixture is not polar / aprotic
Kinematic viscosity	2,0 mm2/s	Method:Calculation
Dynamic viscosity	1,9	Method:BROOKFIELD DV1 LV (spindle=1 / speed=100 / T=20°C)
Solubility	not applicable	Reason for missing data:substance/mixture reacts with water
Partition coefficient: n-octanol/water	Not available	Reason for missing data:The product is a blend
Vapour pressure	32,7 mmHg	Method:calculation
Density and/or relative density	0,93 g/cm3	Method:Own Instrument: METTLER TOLEDO DENSITOPRO
Relative vapour density	4	Substance:N-BUTYL ACETATE
Particle characteristics	Not applicable	

9.2. Other information

9.2.1. Information with regard to physical hazard classes
Information not available

9.2.2. Other safety characteristics

VOC (Directive 2010/75/EC)	57,25 % - 532,38 g/litre	
VOC (volatile carbon)	44,13 % - 410,45 g/litre	
Explosive properties	not explosive	Remark:it does not contain substances classified as explosive
Oxidising properties	non oxidizing	Remark:it does not contain substances classified as oxidizing

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SECTION 10. Stability and reactivity

10.1. Reactivity

Decomposes on contact with: water.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

Vapors can form explosive mixtures with air. May react dangerously with: strong oxidizing agents, strong acids, alkaline hydroxides, potassium tert-butoxide

10.4. Conditions to avoid

Avoid: overheating, accumulation of electrostatic charges, any source of ignition, exposure to humidity

10.5. Incompatible materials

Oxidizing agents. Peroxides. Strong acids. Amines. Strong foundations. Reacts with: water, basic substances and acids. The reaction occurs with the formation of methanol

10.6. Hazardous decomposition products

Due to thermal decomposition or in the event of fire, gases and vapors potentially harmful to health can be released.
With methanol hydrolysis. Tests show that at temperatures above 150 ° C, a small amount of formaldehyde is released by oxidative decomposition

SECTION 11. Toxicological information

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

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

N-BUTYL ACETATE

WORKERS: inhalation; contact with the skin.

METHANOL

WORKERS: inhalation; contact with the skin.

POPULATION: ingestion of contaminated food or water; contact with the skin of products containing the substance.

1-METHOXY-2-PROPANOL

WORKERS: inhalation; contact with the skin.

POPULATION: ingestion of contaminated food or water; inhalation of ambient air; contact with the skin of products containing the substance.

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Delayed and immediate effects as well as chronic effects from short and long-term exposure

N-BUTYL ACETATE

In humans, the substance's vapours cause irritation of the eyes and nose. In the event of repeated exposure, skin irritation, dermatitis (dryness and cracking of the skin) and keratitis appear.

METHANOL

The minimum lethal dose for humans by ingestion is considered to be in the range from 300 to 1000 mg/kg. Ingestion of 4-10 ml of the substance may cause permanent blindness in adult humans (IPCS).

1-METHOXY-2-PROPANOL

The main route of entry is the skin, whereas the respiratory route is less important due to the low vapour pressure of the product. Above 100 ppm causes irritation of the eye, nose and oropharynx mucous membranes. At 1000 ppm, disturbance of equilibrium and severe eye irritation can be noticed. Clinical and biological examinations carried out on exposed volunteers revealed no anomalies. Acetate produces greater skin and eye irritation with direct contact. No chronic effects on humans have been reported.

Interactive effects

N-BUTYL ACETATE

A case of acute intoxication been reported involving a 33 year old worker while cleaning a tank with a preparation containing xylenes, butyl acetate and ethylene glycol acetate. The person had irritation of the conjunctiva and upper respiratory tract, drowsiness and motor coordination disorders, which disappeared within 5 hours. The symptoms are attributed to poisoning by mixed xylenes and butyl acetate, with a possible synergistic effect responsible for the neurological effects. Cases of vacuolar keratitis are reported in workers exposed to a mixture of butyl acetate and isobutanol vapours, but with uncertainty concerning the responsibility of a particular solvent (INRC, 2011).

ACUTE TOXICITY

ATE (Inhalation - vapours) of the mixture:	> 20 mg/l
ATE (Oral) of the mixture:	>2000 mg/kg
ATE (Dermal) of the mixture:	>2000 mg/kg

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

LD50 (Oral):	> 5000 mg/kg rat
LD50 (Dermal):	> 3160 mg/kg rabbit
LC50 (Inhalation vapours):	> 5000 mg/m ³ /8h rat

DIPROPYLENE GLYCOL MONOMETHYL ETHER

LD50 (Oral):	> 5000 mg/kg ratto
LD50 (Dermal):	> 19020 mg/kg coniglio
LC50 (Inhalation vapours):	> 275 ppm/7h ratto

2-(2-ETHOXYETHOXY)ETHYL ACETATE

LD50 (Oral):	3930 mg/kg bw/day ratto
LD50 (Dermal):	15300 mg/kg dw coniglio

N-BUTYL ACETATE

LD50 (Oral):	> 6400 mg/kg Rat
LD50 (Dermal):	> 5000 mg/kg Rabbit
LC50 (Inhalation vapours):	21,1 mg/l/4h Rat

TITANIUM TETRABUTANOLATE

LC50 (Inhalation mists/powders):	> 240 mg/l/4h rat
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METHANOL

LD50 (Oral):	1187 mg/kg rat
STA (Oral):	100 mg/kg estimate from table 3.1.2 of Annex I of the CLP (figure used for calculation of the acute toxicity estimate of the mixture)
LD50 (Dermal):	17100 mg/kg
STA (Dermal):	300 mg/kg estimate from table 3.1.2 of Annex I of the CLP (figure used for calculation of the acute toxicity estimate of the mixture)
LC50 (Inhalation vapours):	43700 mg/m3 cat
STA (Inhalation vapours):	3 mg/l estimate from table 3.1.2 of Annex I of the CLP (figure used for calculation of the acute toxicity estimate of the mixture)

1-METHOXY-2-PROPANOL

LD50 (Oral):	5300 mg/kg Rat
LD50 (Dermal):	13000 mg/kg Rabbit
LC50 (Inhalation vapours):	54,6 mg/l/4h Rat

SKIN CORROSION / IRRITATION

Repeated exposure may cause skin dryness or cracking.

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Toxic for aspiration

089CAGE - IDEA STONAGER**11.2. Information on other hazards**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information**12.1. Toxicity****1-METHOXY-2-PROPANOL**

LC50 - for Fish	> 1000 mg/l/96h <i>Oncorhynchus mykiss</i>
EC50 - for Crustacea	> 21100 mg/l/48h <i>daphnia magna</i>
EC50 - for Algae / Aquatic Plants	> 500 mg/l/72h <i>Desmodesmus subcapitatus</i>

2-(2-ETHOXYETHOXY)ETHYL ACETATE

LC50 - for Fish	110 mg/l/96h <i>Pimephales promelas</i>
EC50 - for Crustacea	> 100 mg/l/48h <i>Daphnia magna</i> OCSE 202
EC50 - for Algae / Aquatic Plants	> 100 mg/l/72h <i>Pseudokirchneriella subcapitata</i>
Chronic NOEC for Algae / Aquatic Plants	> 100 mg/l/72h <i>Pseudokirchneriella subcapitata</i> OCSE 201

N-BUTYL ACETATE

LC50 - for Fish	18 mg/l/96h freshwater fish
EC50 - for Crustacea	32 mg/l/48h freshwater invertebrates
EC50 - for Algae / Aquatic Plants	397 mg/l/72h freshwater algae
Chronic NOEC for Crustacea	23 mg/l freshwater invertebrates
Chronic NOEC for Algae / Aquatic Plants	196 mg/l freshwater algae

DIPROPYLENE GLYCOL MONOMETHYL ETHER

LC50 - for Fish	> 1000 mg/l/96h <i>poecilia reticulata</i>
EC50 - for Crustacea	1919 mg/l/48h <i>daphnia magna</i>
EC50 - for Algae / Aquatic Plants	> 969 mg/l/72h <i>Selenastrum capricornutum</i>

TITANIUM TETRABUTANOLATE

LC50 - for Fish	1825 mg/l/96h freshwater fish
EC50 - for Crustacea	1300 mg/l/48h freshwater invertebrates
EC50 - for Algae / Aquatic Plants	225 mg/l/72h freshwater algae
Chronic NOEC for Crustacea	4 mg/l freshwater invertebrates
Chronic NOEC for Algae / Aquatic Plants	134 mg/l freshwater algae

METHANOL

LC50 - for Fish	15,4 mg/l/96h freshwater fish
EC50 - for Crustacea	18,26 mg/l/48h freshwater invertebrates
Chronic NOEC for Fish	450 mg/l freshwater fish

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Chronic NOEC for Crustacea208 mg/l freshwater invertebrates		
HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS LC50 - for Fish EC50 - for Crustacea EC50 - for Algae / Aquatic Plants		
> 1000 mg/l/96h Oncorhynchusmykiss > 1000 mg/l/48h Daphnia Magna > 1000 mg/l/72h Pseudokirchneriella subcapitata		
12.2. Persistence and degradability		
1-METHOXY-2-PROPANOL		
Solubility in water1000 - 10000 mg/l		
Rapidly degradable		
2-(2-ETHOXYETHOXY)ETHYL ACETATE		
Solubility in water158,88 g/l		
Rapidly degradable		
N-BUTYL ACETATE		
Solubility in water1000 - 10000 mg/l		
DIPROPYLENE GLYCOL MONOMETHYL ETHER		
Solubility in water1000 mg/l		
Rapidly degradable		
TITANIUM TETRABUTANOLATE		
Solubility in water63,2 g/l a 25°C		
Rapidly degradable		
METHANOL		
Solubility in water1000 - 10000 mg/l		
Rapidly degradable		
HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS Degradability: information not available		
Reacts with water developing methanol and silanol and / or siloxanol compounds. Silicone content: Not biodegradable. Elimination by absorption on activated sludge. The hydrolysis product (methanol) is readily biodegradable		
12.3. Bioaccumulative potential		
1-METHOXY-2-PROPANOL		
Partition coefficient: n-octanol/water< 1		
2-(2-ETHOXYETHOXY)ETHYL ACETATE		
Partition coefficient: n-octanol/water-0,133 25°C - pH 8.3		

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N-BUTYL ACETATE

Partition coefficient: n-octanol/water 2,3
BCF 15,3

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Partition coefficient: n-octanol/water 0,004

TITANIUM TETRABUTANOLATE

Partition coefficient: n-octanol/water 0,84

METHANOL

Partition coefficient: n-octanol/water -0,77
BCF 0,2

12.4. Mobility in soil

N-BUTYL ACETATE

Partition coefficient: soil/water < 3

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage $\geq$ than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

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SECTION 14. Transport information

14.1. UN number or ID number

ADR / RID, IMDG, 1263
IATA:

14.2. UN proper shipping name

ADR / RID: PAINT or PAINT RELATED MATERIAL
IMDG: PAINT or PAINT RELATED MATERIAL
IATA: PAINT or PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

ADR / RID: Class: 3 Label: 3

IMDG: Class: 3 Label: 3

IATA: Class: 3 Label: 3



14.4. Packing group

ADR / RID, IMDG, II
IATA:

14.5. Environmental hazards

ADR / RID: NO
IMDG: NO
IATA: NO

14.6. Special precautions for user

ADR / RID:	HIN - Kemler: 33	Limited Quantities: 5 L	Tunnel restriction code: (D/E)
	Special provision: 640C		
IMDG:	EMS: F-E, <u>S-E</u>	Limited Quantities: 5 L	
IATA:	Cargo:	Maximum quantity: 60 L	Packaging instructions: 364
	Pass.:	Maximum quantity: 5 L	Packaging instructions: 353
	Special provision:	A3, A72, A192	

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14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EC: P5c

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point 3 - 40

Regulation (EC) No. 2019/1148 - on the marketing and use of explosives precursors

Not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage $\geq$ than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Liq. 2	Flammable liquid, category 2
Flam. Liq. 3	Flammable liquid, category 3
Acute Tox. 3	Acute toxicity, category 3
STOT SE 1	Specific target organ toxicity - single exposure, category 1
Asp. Tox. 1	Aspiration hazard, category 1
Eye Dam. 1	Serious eye damage, category 1
Eye Irrit. 2	Eye irritation, category 2

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Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.
H370	Causes damage to organs.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

Use descriptor system:

ERC	8a	Widespread use of non- reactive processing aid (no inclusion into or onto article, indoor)
LCS	PW	Widespread use by professional workers
PROC	10	Roller application or brushing
PROC	8a	Transfer of substance or mixture (charging and discharging) at non- dedicated facilities

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

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GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

01 / 02 / 03 / 04 / 06 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

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**SUMMARY OF THE EXHIBITION SCENARIO FOR THE SUBSTANCE
HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS (CE : 918-481-9)**

Short title	Main user group (SU)	PROC	ERC	Reference
1) Use in coatings	22	8a, 10	8a	ES17337

1.1) Contributing scenario controlling environmental exposure for: ERC8a

No exposure assessment

1.2) Contributing scenario controlling worker exposure for: PROC 8a, PROC10

Product features	Concentration of Substance in Mixture / Article	It covers a percentage of the substance in the fine product at 100%
	Physical Form (at the time of use)	Liquefied gas
Frequency and duration of use	It covers daily exposures up to 8 hours	
Organizational measures for avoid / limit spills, the dispersion and exposure	The risk phrase H304 (May be lethal in case of ingestion and penetration of the respiratory tract) refers to the possibility of aspiration, a non-quantifiable hazard determined by physicochemical properties (e.g. viscosity) that can occur during ingestion and even in case of vomiting afterwards ingestion DNELs cannot be derived Risks deriving from physico-chemical hazards of substances can be controlled by implementing risk management measures For substances classified H304, the following measures must be implemented to control the aspiration hazard Do not ingest. If swallowed, seek medical assistance immediately. DO NOT induce vomiting.	
Risk management measures are based on qualitative risk characterization.		

1.3) Evaluation of the exposure and reference to its origin

Environment

Since there are no environmental hazards, no relative environmental exposure has been assessed and no risk characterization has been carried out.

1.4) Guidance for downstream users to assess whether it works within the limits set by the Exposure Scenario

The available hazard data do not support the need to set a DNEL for other health effects. Risk management measures are based on qualitative risk characterization.

Additional good practice advice in addition to the REACH Chemical Safety Assessment

It is assumed that basic good practices for occupational hygiene are applied.

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**EXHIBITION SCENARIO SUMMARY FOR THE SUBSTANCE:
2-(2-ETHOXYETHOXY)ETHYL ACETATE(CAS: 112-15-2)**

Titolo breve	Gruppo di utilizzatori principali (SU)	PROC	ERC	Reference
1) Use in coatings	22	8a,10	8a	ES16347

1.0) Short title of Exposure Scenario 1: Use in coatings

Main user groups	SU 22: Professional uses: public sector (administration, education, entertainment, services, crafts)
Process categories	PROC8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities PROC10: Roller application or brushing
Categoria a rilascio nell'ambiente	ERC8a: Ampio uso dispersivo in ambiente interno di coadiuvanti tecnologici in sistemi aperti

1.1) Contributing scenario controlling environmental exposure for: ERC 8a

ESVOC spERC 8.3b.v1 was used to assess the environmental exposure

Amount used	Annual tonnage of the site	10000 ton / year
	Daily amount per site	1,37 kg / day
	Fraction of EU tonnage used regionally	10%
	Fraction used at the main local source	0,05%
Frequency and duration of use	Continuous exposure	365 days / year
Environmental factors not affected from risk management	Flow rate of the receiving surface running water	18.000 m3/d
	Other data. Other information	Local fresh water dilution factor 10
	Other data. Other information	Local seawater dilution factor 100
Other operating conditions certain that interest environmental exposure	Emission or Release Factor: Air	98%
	Emission or Release Factor: Water	1%
	Emission or Release Factor: Soil	1%
Conditions and measures relating to purification plants	Type of sewage treatment plant	Municipal sewage treatment plant
	Flow rate of the effluent of a sewage treatment plant	2.000 m3/d

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1.2) Contributing scenario controlling worker exposure for: PROC 8a

Product features	Concentration of Substance in Mixture / Article	Concentration of the substance in the product: 5% - 25%
	Physical Form (at the time of use)	Liquid, low fugacity
Frequency and duration of use	Duration of exposure per day	15 - 60 min
	Frequency of use	5 days / week
Human factors not influenced by risk management	Exposed skin area	Surface of the exposed skin 960 cm ²
Other operating conditions that affect the exposure of insiders	Indoor use	
Technical conditions and measures to control dispersion from the source towards the worker	General ventilation (Efficiency: 30%)	
Conditions and measures concerning protection personal, hygiene assessment and health	Utilizzare una protezione delle vie respiratorie (Efficienza: 90 %)	
	Wear gloves. (Efficiency: 90%)	

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1.3) Contributing scenario controlling worker exposure for: PROC 10

Product features	Concentration of Substance in Mixture / Article	Concentration of the substance in the product: 1% - 5%
	Physical Form (at the time of use)	Liquid, low fugacity
Frequency and duration of use	Duration of exposure per day	1 - 4 h
	Frequency of use	5 days / week
Human factors not influenced by risk management	Exposed skin area	Surface of the exposed skin 960 cm ²
Other operational conditions affecting exposure of insiders	Indoor use	
Technical conditions and measures to control dispersion from the source towards the worker	General ventilation (Efficiency: 30%)	
Conditions and measures relating to personal protection, hygiene and health evaluation	Wear gloves. (Efficiency: 90%)	
	Use respiratory protection (Efficiency: 90%)	

1.4) Evaluation of the exposure and reference to its origin

Ambiente: ERC8a: EasyTRA

Scenario taxpayer	Conditions specification	Compartment	Value	Exposure level	RCR
ERC8a	---	Fresh water	PEC	0,000158mg/l	0,001434
ERC8a	---	Sediment of fresh water	PEC	0,000969mg/kg dry weight (dry p.)	0,4748
ERC8a	---	Sea water	PEC	0,000016mg/l	0,010
ERC8a	---	Marine sediment	PEC	0,0001mg/kg dry weight (dry p.)	0,04748
ERC8a	---	Agricultural land	PEC	0,0006mg/kg dry weight (dry p.)	0,013396
ERC8a	---	Prairie	PEC	0,000557mg/kg dry weight (dry p.)	0,012442
ERC8a	---	Water treatment plant wastewater (TPS)	PEC	0,000865mg/l	0,000087

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Workers PROC8a, PROC10 : EasyTRA				
Scenario taxpayer	Conditions specification	Exposition way	Exposure level	RCR
PROC8a	---	Employee - cutaneous, long term - systemic	0,822857mg/kg b.w./day	0,055599
PROC8a	---	Worker - inhalation, long term - systemic effects	1,542mg/m ³	0,147544
PROC10	---	Worker - inhalation, long term - systemic effects	1,542mg/m ³	0,147544
PROC10	---	Employee - cutaneous, long term - systemic	0,548571mg/kg b.w./giorno	0,370656

1.5) Guidance for downstream users to assess whether it works within the limits set by the Exposure Scenario
Guide is based on assumed terms of use which may not apply to all sites. Where other risk management measures / Operational Conditions are adopted, users must ensure that risks are managed to at least an equivalent level.

SUMMARY OF THE EXHIBITION SCENARIO FOR THE SUBSTANCE: N-BUTYL ACETATE (CAS: 123-86-4)				
Short title	Major User Group (SU)	PROC	ERC	Reference
1) Use in coatings	22	8a, 10	8a	ES1183

1.0) Short title of Exposure Scenario 1: Uses in coatings	
Main user groups	SU 22: Professional uses: public sector (administration, education, entertainment, services, crafts)
Process categories	PROC8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities dedicate Roller application or brushing
Environmental release category	ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

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1.1) Contributing scenario controlling environmental exposure for: ERC8a

Product features	Concentration of Substance in Mixture / Article	Includes shares of substance in the product up to% 100
Amount used	annual tonnage of site (tons / year):	4000 tons
	Daily amount for widely dispersed uses	0,55 kg
	Fraction used at the main local source.	0,0005
	Fraction of EU tonnage used regionally	0,1
Frequency and duration of use	Continuous exposure	365 days / year
Environmental factors not affected from risk management	Flow rate of the receiving surface running water	18.000 m3/d
	Dilution factor (River)	10
	Dilution factor (Coastal Areas)	100
Other certain operating conditions of interest environmental exposure	Emission or Release Factor: Air	98,00%
	Emission or Release Factor: Water	1,00%
	Emission or Release Factor: Soil	1%
Conditions and measures relating to purification plants	Type of sewage treatment plant	Municipal sewage treatment plant
	Flow rate of the effluent of a sewage treatment plant	2.000 m3/d
	Percentage removed from wastewater	89,10%
	Sludge treatment	Disposal or recovery

1.2) Contributing scenario controlling worker exposure for: PROC8a, PROC10

Product features	Concentration of the substance in the	Includes shares of substance in the product up to% 25
	Physical Form (at the time of use)	
	Vapor pressure	
Frequency and duration of use	Duration of exposure per day	480 min
	Duration of exposure per day	15 - 60 min
Other operational conditions affecting workers exposure	Indoor / outdoor use. (Unless otherwise indicated) use is expected at no more than 20 ° C above ambient temperature.	
Technical conditions and measures for check dispersion from source to the worker	Adopt suction ventilation in the points where the emission occurs.	
Conditions and measures relating to personal protection, hygiene and health evaluation	Wear gloves.	
	Use a breathing apparatus.(PROC10)	

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1.3) Evaluation of the exposure and reference to its origin

Ambiente EUSES 2.1

Scenario taxpayer	Specific conditions	Compartimento	Valore	Livello d'esposizione	RCR
ERC8a	---	Fresh water	PEC	0,000537mg/L	0,003
ERC8a	---	Sea water		0,0000468mg/	0,003
ERC8a	---	Fresh water sediment		0,011mg/kg	0,011
ERC8a	---	Marine sediment		0,000938mg/kg	0,01
ERC8a	---	Soil		0,000125mg/kg	0,002
ERC8a	---	Waste water treatment plant (WTP)		0,0003mg/L	0,000009

ESVOC spERC 8.3b.v1 was used to assess the environmental exposure

Workers Integrated model ECETOC TRA version 2

Scenario taxpayer	Specific conditions	Exposure way	Level of exposure	RCR
PROC8a	---	Inhalation exposure of workers	290,4mg/m ³	0,605
PROC10	---	Inhalation exposure of workers	290,4mg/m ³	0,605

Skin exposure is considered not relevant

1.4) Guidance for downstream users to assess whether it works within the limits set by the Exposure Scenario

The addresses are based on agreed operating conditions which may not be applicable to all sites; therefore scaling may be necessary to establish appropriate risk management measures. In case additional risk management measures / operational conditions are adopted, users should ensure that risks are limited to at least an equivalent level. For scaling see: <http://www.ecetoc.org/tra> Only properly trained personnel should use scaling methods to see if operational and risk management conditions are within the limits indicated by the exposure scenario

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WORKING INSTRUCTIONS SHEET

The purpose of this sheet is to provide the personnel carrying out the cleaning operations with instructions for an appropriate and safe use of the products and for the correct management of emergency situations.

Operation planned	Transfer of substance or mixture (charging and discharging) at non- dedicated facilities [PROC8a] Roller application or brushing [PROC10]
Product name	IDEA STONAGER
Risks of the product as it is	H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H319 Causes serious eye irritation. EUH066 Repeated exposure may cause skin dryness or cracking.
Handling of the product as it is	Handle the product after consulting all the other sections of this safety data sheet. Avoid the dispersion of the product in the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.
PPE required For product as it is (transfer, concentrated use)	Protect hands with category III work gloves (see standard EN 374). Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wear airtight protective goggles (see standard EN 166).
In case of emergency (accidents involving exposure to the product)	Inform the client immediately. Immediately notify the employer. Contact the Anti-Poison Center listed in section section 1.4 SDS
In case of accidental spillage of large quantities In concentrated form	Block the leakage if there is no hazard. Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures. Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. The product must not penetrate into the sewer system or come into contact with surface water or ground water. Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13. Any information on personal protection and disposal is given in sections 8 and 13.
Product storage	Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details
In case of accidents, emergencies or fire in the work area	Immediately notify the client, the employer. Follow the instructions for emergencies. Follow the instructions in sect. 5 of the SDS