

According to Annex II to REACH - Regulation (EU) 2020/878

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and

COMEC ITALIA SRL	Revision nr. 2
	Dated 14/04/2025
	Printed on 14/04/2025
	Page n. 2/25
PLT 34 WHITE 2: 60 BN,	Replaced revision:1 (Dated: 27/02/2024)

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 3	H226	Flammable liquid and vapour.
Eye irritation, category 2	H319	Causes serious eye irritation.
Specific target organ toxicity - single exposure, category 3	H336	May cause drowsiness or dizziness.

2.2. Label elements

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

Hazard pictograms:



Signal words: Warning

Hazard statements:	
H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH208	Contains: Phthalic anhydride with less than 0,05% of maleic anhydride May produce an allergic reaction.

Precautionary statements:	
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.
P370+P378	In case of fire: use chemical powder, CO2 or dry send to extinguish.
P261	Avoid breathing dust, gas or vapours.
P312	Call a POISON CENTRE or a doctor if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

Contains:	2-ETHOXY-1-METHYLETHYL ACETATE 2-METHOXY-1-METHYLETHYL ACETATE 1-METHOXY-2-PROPANOL BUTAN-1-OL
-----------	---

2.3. Other hazards

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

The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

SECTION 3. Composition/information on ingredients

3.1. Substances

Information not relevant

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
TITANIUM DIOXIDE		
INDEX -	32,5 ≤ x < 35	
EC 236-675-5		
CAS 13463-67-7		
REACH Reg. 01-2119489379-17-0018		
2-ETHOXY-1-METHYLETHYL ACETATE		
INDEX 603-177-00-8	8 ≤ x < 9	Flam. Liq. 3 H226, STOT SE 3 H336
EC 259-370-9		
CAS 54839-24-6		
REACH Reg. 01-2119475116-39xxxx		
BUTYLGLYCOL ACETATE		
INDEX 607-038-00-2	7 ≤ x < 8	Acute Tox. 4 H302, Acute Tox. 4 H312, Acute Tox. 4 H332
EC 203-933-3		ATE Oral: 500 mg/kg, ATE Dermal: 1100 mg/kg, ATE Inhalation vapours: 11 mg/l
CAS 112-07-2		
REACH Reg. 01-2119475112-47xxxx		
2-METHOXY-1-METHYLETHYL ACETATE		
INDEX 607-195-00-7	6 ≤ x < 7	Flam. Liq. 3 H226, STOT SE 3 H336
EC 203-603-9		
CAS 108-65-6		
REACH Reg. 01-2119475791-29-xxxx		
1-METHOXY-2-PROPANOL		
INDEX 603-064-00-3	4,5 ≤ x < 5	Flam. Liq. 3 H226, STOT SE 3 H336
EC 203-539-1		
CAS 107-98-2		
REACH Reg. 01-2119457435-35xxxx		
BUTAN-1-OL		
INDEX 603-004-00-6	2 ≤ x < 2,5	Flam. Liq. 3 H226, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, STOT SE 3 H336

COMEC ITALIA SRL	Revision nr. 2 Dated 14/04/2025
PLT 34 WHITE 2: 60 BN,	Printed on 14/04/2025 Page n. 4/25 Replaced revision:1 (Dated: 27/02/2024)

EC 200-751-6
CAS 71-36-3
REACH Reg. 01-2119484630-38
Phthalic anhydride with less than 0,05% of maleic anhydride
INDEX 607-009-00-4

0,15 ≤ x < 0,17

ATE Oral: 500 mg/kg

Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Resp. Sens. 1 H334, Skin Sens. 1 H317, EUH208
ATE Oral: 500 mg/kg

EC 201-607-5
CAS 85-44-9
REACH Reg. 01-2119457017-41
N-BUTYL ACETATE
INDEX 607-025-00-1

0,05 ≤ x < 0,07

Flam. Liq. 3 H226, STOT SE 3 H336, EUH066

EC 204-658-1
CAS 123-86-4
REACH Reg. 01-2119485493-29

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

In case of doubt or in the presence of symptoms contact a doctor and show him this document.
In case of more severe symptoms, ask for immediate medical aid.
EYES: Remove, if present, contact lenses if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice/attention.
SKIN: Take off contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get medical advice. Avoid further contact with contaminated clothing.
INGESTION: Do not induce vomiting unless explicitly authorised by a doctor. Do not give anything by mouth to an unconscious person. Get medical advice/attention.
INHALATION: Remove victim to fresh air, away from the accident scene. In the event of respiratory symptoms (coughing, wheezing, breathing difficulty, asthma) keep the victim in a comfortable position for breathing. If necessary administer oxygen. If the subject stops breathing, administer artificial respiration. Get medical advice/attention.

Rescuer protection

It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8.

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

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

DELAYED EFFECTS: Based on the information currently available, there are no known cases of delayed effects following exposure to this product.

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

Call a POISON CENTRE or a doctor if you feel unwell.

Means to have available in the workplace for specific and immediate treatment

Running water for skin and eye wash.

COMEC ITALIA SRL	Revision nr. 2
	Dated 14/04/2025
PLT 34 WHITE 2: 60 BN,	Printed on 14/04/2025
	Page n. 5/25
	Replaced revision:1 (Dated: 27/02/2024)

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT
Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.
UNSUITABLE EXTINGUISHING EQUIPMENT
Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE
Excess pressure may form in containers exposed to fire at a risk of explosion. 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.

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

COMEC ITALIA SRL	Revision nr. 2 Dated 14/04/2025
PLT 34 WHITE 2: 60 BN,	Printed on 14/04/2025 Page n. 6/25 Replaced revision:1 (Dated: 27/02/2024)

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.

2-METHOXY-1-METHYLETHYL ACETATE
Store in an inert atmosphere, sheletered from moisture because it hydrolises easily.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory references:

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.)
CZE	Česká Republika	NAŘÍZENÍ VLÁDY ze dne 10. května 2021, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se stanoví podmínky ochrany zdraví při práci
DEU	Deutschland	Forschungsgemeinschaft MAK- und BAT-Werte-Liste 2022 Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe Mitteilung 58
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 2023
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en FranceDécret n° 2021-1849 du 28 décembre 2021
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
NLD	Nederland	Arbeidsomstandighedenregeling. Lijst van wettelijke grenswaarden op grond van de artikelen 4.3, eerste lid, en 4.16, eerste lid, van het Arbeidsomstandighedenbesluit
PRT	Portugal	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
POL	Polska	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
ROU	România	Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006
SWE	Sverige	Hygieniska gränsvärden, Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden (AFS 2018:1)
TUR	Türkiye	Kimyasal Maddelerle Çalışmalarda Sağlık ve Güvenlik Önlemleri Hakkında Yönetmelik 12.08.2013 / 28733; 20.10.2023 / 32345.
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
EU	OEL EU	Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2023

TITANIUM DIOXIDE				
Threshold Limit Value				
Type	Country	TWA/8h	STEL/15min	Remarks / Observations
		mg/m3	ppm	mg/m3
				ppm

COMEC ITALIA SRL						Revision nr. 2		
PLT 34 WHITE 2: 60 BN,						Dated 14/04/2025		
						Printed on 14/04/2025		
						Page n. 7/25		
						Replaced revision:1 (Dated: 27/02/2024)		
TLV	BGR	10				RESP		
MAK	DEU	0,3	2,4			RESP Hinweis		
TLV	DNK	6				Som Ti		
VLA	ESP	10						
VLEP	FRA	10						
NDS/NDSch	POL	10				INHAL		
TLV	ROU	10	15					
NGV/KGV	SWE	5				Totaldamm		
WEL	GBR	10				INHAL		
WEL	GBR	4				RESP		
TLV-ACGIH		0,2				RESP		
Predicted no-effect concentration - PNEC								
Normal value in fresh water			0,127			mg/l		
Normal value in marine water			1			mg/l		
Normal value for fresh water sediment			1000			mg/kg		
Normal value for marine water sediment			100			mg/kg		
Normal value for water, intermittent release			0,61			mg/l		
Normal value of STP microorganisms			100			mg/l		
Normal value for the terrestrial compartment			100			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				700 mg/m3				
Inhalation								10 mg/m3
Polymer based on vinyl compounds								
Threshold Limit Value								
Type	Country	TWA/8h	STEL/15min		Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm			
VLEP	ITA	2	1					
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								1 mg/m3
2-ETHOXY-1-METHYLETHYL ACETATE								
Threshold Limit Value								
Type	Country	TWA/8h	STEL/15min		Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm			
AGW	DEU	120	20	240	40	SKIN	14	
MAK	DEU	120	20	240	40	SKIN	Hinweis	
Predicted no-effect concentration - PNEC								
Normal value in fresh water			2			mg/l		
Normal value in marine water			0,8			mg/l		
Normal value for fresh water sediment			8,2			mg/kg		

COMEC ITALIA SRL						Revision nr. 2			
PLT 34 WHITE 2: 60 BN,						Dated 14/04/2025			
						Printed on 14/04/2025			
						Page n. 8/25			
Replaced revision:1 (Dated: 27/02/2024)									
Normal value for marine water sediment					0,6		mg/kg		
Normal value for water, intermittent release					2		mg/l		
Normal value of STP microorganisms					62,5		mg/kg		
Normal value for the food chain (secondary poisoning)					117		mg/kg		
Normal value for the terrestrial compartment					0,6		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	13,1 mg/kg					
Inhalation	VND	365 mg/m3	VND	181 mg/m3	VND	608 mg/m3	VND	302 mg/m3	
Skin			VND	62 mg/kg			VND	103 mg/kg	
BUTYLGLYCOL ACETATE									
Threshold Limit Value									
Type	Country	TWA/8h	STEL/15min		Remarks / Observations				
		mg/m3	ppm	mg/m3	ppm				
TLV	BGR	133	20	333	50	SKIN			
TLV	CZE	130	19,5	300	45	SKIN			
AGW	DEU	65	10	130	20	SKIN 11			
MAK	DEU	66	10	132	20	SKIN Hinweis			
TLV	DNK	134	20	333	50	SKIN E			
VLA	ESP	133	20	333	50	SKIN			
VLEP	FRA	66,5	10	333	50				
VLEP	ITA	133	20	333	50	SKIN			
TGG	NLD	135		333		SKIN			
VLE	PRT	133	20	333	50	SKIN			
NDS/NDSch	POL	100		300		SKIN			
TLV	ROU	133	20	333	50	SKIN			
NGV/KGV	SWE	70	10	333	50	SKIN			
ESD	TUR	133	20	333	50	SKIN			
WEL	GBR	133	20	332	50	SKIN			
OEL	EU	133	20	333	50	SKIN			
TLV-ACGIH		131	20						
Predicted no-effect concentration - PNEC									
Normal value in fresh water					0,304		mg/l		
Normal value in marine water					0,03		mg/l		
Normal value for fresh water sediment					2,03		mg/l		
Normal value for marine water sediment					0,203		mg/l		
Normal value for water, intermittent release					0,56		mg/l		
Normal value of STP microorganisms					90		mg/l		
Normal value for the food chain (secondary poisoning)					60		mg/kg		
Normal value for the terrestrial compartment					0,415		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	VND	36 mg/kg/d	VND	4,3 mg/kg/d				
Inhalation	200 mg/m3	499 mg/m3	VND	80 mg/m3	333 mg/m3	773 mg/m3	VND	133 mg/m3
Skin		72 mg/kg bw/d	VND	102 mg/kg/d	102 mg/kg/d	27 mg/kg/d	VND	169 mg/kg/d

2-METHOXY-1-METHYLETHYL ACETATE

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
TLV	BGR	275	50	550	100	SKIN	
TLV	CZE	270	49,14	550	100,1	SKIN	
AGW	DEU	270	50	270	50		
MAK	DEU	270	50	270	50		
TLV	DNK	275	50	550	100	SKIN	E
VLA	ESP	275	50	550	100	SKIN	
VLEP	FRA	275	50	550	100	SKIN	
VLEP	ITA	275	50	550	100	SKIN	
TGG	NLD	550					
VLE	PRT	275	50	550	100	SKIN	
NDS/NDSch	POL	260		520		SKIN	
TLV	ROU	275	50	550	100	SKIN	
NGV/KGV	SWE	275	50	550	100	SKIN	
ESD	TUR	275	50	550	100	SKIN	
WEL	GBR	274	50	548	100	SKIN	
OEL	EU	275	50	550	100	SKIN	

Predicted no-effect concentration - PNEC								
Normal value in fresh water				0,635	mg/l			
Normal value in marine water				0,0635	mg/l			
Normal value for fresh water sediment				3,29	mg/kg			
Normal value for marine water sediment				0,329	mg/l			
Normal value for water, intermittent release				6,35	mg/l			
Normal value of STP microorganisms				100	mg/l			
Normal value for the terrestrial compartment				0,29	mg/kg			

Health - Derived no-effect level - DNEL / DMEL								
Route of exposure	Effects on consumers			Effects on workers				
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral			VND	1,67 mg/kg				
Inhalation			33 mg/m3	33 mg/m3	550 mg/m3			275 mg/m3
Skin			VND	54,8 mg/kg			VND	153,5 mg/kg

1-METHOXY-2-PROPANOL

Threshold Limit Value

Type	Country	TWA/8h	STEL/15min		Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm			
TLV	BGR	375	100	568	150	SKIN		

COMEC ITALIA SRL						Revision nr. 2		
PLT 34 WHITE 2: 60 BN,						Dated 14/04/2025		
						Printed on 14/04/2025		
						Page n. 10/25		
						Replaced revision:1 (Dated: 27/02/2024)		
TLV	CZE	270	72,09	550	146,85	SKIN		
AGW	DEU	370	100	740	200			
MAK	DEU	370	100	740	200			
TLV	DNK	185	50	568	150	SKIN	E	
VLA	ESP	375	100	568	150	SKIN		
VLEP	FRA	188	50	375	100	SKIN		
VLEP	ITA	375	100	568	150	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		
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				41,6	mg/l			
Normal value for marine water sediment				4,17	mg/kg			
Normal value for water, intermittent release				100	mg/l			
Normal value of STP microorganisms				100	mg/l			
Normal value for the terrestrial compartment				2,47	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	3,3 mg/kg				3,3 mg/kg bw/d
Inhalation	553,5 mg/m3	VND	VND	43,9 mg/m3	535,5 mg/m3	VND	535,5 mg/m3	369 mg/m3
Skin			VND	18,1 mg/kg			VND	50,6 mg/kg
BUTAN-1-OL								
Threshold Limit Value								
Type	Country	TWA/8h	STEL/15min		Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm			
TLV	BGR	100		150				
TLV	CZE	300	97,5	600	195			
AGW	DEU	310	100	310	100			
MAK	DEU	310	100	310	100			
TLV	DNK			150 (C)	50 (C)	SKIN		
VLA	ESP	61	20	154	50			
VLEP	FRA			150	50			
TGG	NLD			45				
NDS/NDSch	POL	50		150		SKIN		

COMEC ITALIA SRL						Revision nr. 2			
PLT 34 WHITE 2: 60 BN,						Dated 14/04/2025			
						Printed on 14/04/2025			
						Page n. 11/25			
						Replaced revision:1 (Dated: 27/02/2024)			
TLV	ROU	100	33	200	66				
NGV/KGV	SWE	45	15	90	30	SKIN			
ESD	TUR	300	100						
WEL	GBR			154	50	SKIN			
TLV-ACGIH		61	20						
Predicted no-effect concentration - PNEC									
Normal value in fresh water				0,082	mg/l				
Normal value in marine water				0,0082	mg/l				
Normal value for fresh water sediment				0,178	mg/kg				
Normal value for marine water sediment				0,0178	mg/kg				
Normal value for water, intermittent release				2,25	mg/l				
Normal value of STP microorganisms				2476	mg/l				
Normal value for the terrestrial compartment				0,015	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	3125 mg/kg					
Inhalation			55 mg/m3	VND			310 mg/m3	VND	
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate									
Predicted no-effect concentration - PNEC									
Normal value in fresh water				0,018	mg/l				
Normal value in marine water				0,0018	mg/l				
Normal value for fresh water sediment				2	mg/kg/d				
Normal value for marine water sediment				0,2	mg/kg/d				
Normal value for water, intermittent release				0,018	mg/l				
Normal value of STP microorganisms				100	mg/l				
Normal value for the food chain (secondary poisoning)				41,33	mg/kg				
Normal value for the terrestrial compartment				10	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				0,93 mg/kg bw/d					
Inhalation				1,62 mg/m3				6,6 mg/m3	
Skin				0,83 mg/kg bw/d				1,67 mg/kg bw/d	
Soybean oil, epoxidized									
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		5 mg/kg/d		0,8 mg/kg/d					
Inhalation		17,5 mg/m3		2,8 mg/m3		70 mg/m3		11,9 mg/m3	
Skin		5 mg/kg/d		0,8 mg/kg/d	10 mg/kg/d	10 mg/kg/d		1,7 mg/kg/d	

COMEC ITALIA SRL						Revision nr. 2			
PLT 34 WHITE 2: 60 BN,						Dated 14/04/2025			
						Printed on 14/04/2025			
						Page n. 12/25			
						Replaced revision:1 (Dated: 27/02/2024)			
Phthalic anhydride with less than 0,05% of maleic anhydride									
Threshold Limit Value									
Type	Country	TWA/8h		STEL/15min		Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm				
TLV-ACGIH		1							
N-BUTYL ACETATE									
Threshold Limit Value									
Type	Country	TWA/8h		STEL/15min		Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm				
TLV	BGR	710		950					
TLV	CZE	241		723					
AGW	DEU	300	62	600	124				
MAK	DEU	480	100	960	200				
TLV	DNK	241	50	723	150	E			
VLA	ESP	241	50	723	150				
VLEP	FRA	241	50	723	150				
VLEP	ITA	241	50	723	150				
TGG	NLD	150							
VLE	PRT	241	50	723	150				
NDS/NDSch	POL	240		720					
TLV	ROU	241	50	723	150				
NGV/KGV	SWE	241	50	723 (C)	150 (C)				
ESD	TUR	241	50	723	150				
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				0,01	mg/l				
Normal value for fresh water sediment				0,98	mg/kg				
Normal value for marine water sediment				0,09	mg/kg				
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				0,09	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	859,7 mg/m3	895,7 mg/m3	102,34 mg/m3	102,34 mg/m3	960 mg/m3	960 mg/m3	480 mg/m3	480 mg/m3	
SODIUM HYDROXIDE									
Threshold Limit Value									
Type	Country	TWA/8h		STEL/15min		Remarks / Observations			

		mg/m3	ppm	mg/m3	ppm
TLV	BGR	2			
TLV	CZE	1		2	
TLV	DNK			2 (C)	
VLA	ESP			2	
VLEP	FRA	2			
NDS/NDSch	POL	0,5		1	
NGV/KGV	SWE	1		2	INHAL
ESD	TUR	2			
WEL	GBR			2	
TLV-ACGIH				2 (C)	

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 ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

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.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, permeability time.

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 ISO 16321).

RESPIRATORY PROTECTION

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. 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).

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.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	liquid	
Colour	white	
Odour	typical of solvent	
Melting point / freezing point	not available	
Initial boiling point	> 115 °C	
Flammability	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	23 ≤ T ≤ 60 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
pH	not available	
Kinematic viscosity	not available	
Solubility	partially soluble in water. Soluble in almost all organic solvents	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	not available	
Relative vapour density	not available	
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

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

COMEC ITALIA SRL	Revision nr. 2
	Dated 14/04/2025
PLT 34 WHITE 2: 60 BN,	Printed on 14/04/2025
	Page n. 15/25
	Replaced revision:1 (Dated: 27/02/2024)

There are no particular risks of reaction with other substances in normal conditions of use.

2-METHOXY-1-METHYLETHYL ACETATE

Stable in normal conditions of use and storage.

With the air it may slowly develop peroxides that explode with an increase in temperature.

1-METHOXY-2-PROPANOL

Dissolves various plastic materials.Stable in normal conditions of use and storage.

Absorbs and dissolves in water and in organic solvents. With air it may slowly form explosive peroxides.

BUTAN-1-OL

Attacks various types of plastic materials.

N-BUTYL ACETATE

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

The vapours may also form explosive mixtures with the air.

2-METHOXY-1-METHYLETHYL ACETATE

May react violently with: oxidising substances,strong acids,alkaline metals.

1-METHOXY-2-PROPANOL

May react dangerously with: strong oxidising agents,strong acids.

BUTAN-1-OL

Reacts violently developing heat on contact with: aluminium,strong oxidising agents,strong reducing agents,hydrochloric acid.Forms explosive mixtures with: air.

N-BUTYL ACETATE

Risk of explosion on contact with: strong oxidising agents.May react dangerously with: alkaline hydroxides,potassium tert-butoxide.Forms explosive mixtures with: air.

10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

COMEC ITALIA SRL	Revision nr. 2
	Dated 14/04/2025
PLT 34 WHITE 2: 60 BN,	Printed on 14/04/2025
	Page n. 16/25
	Replaced revision:1 (Dated: 27/02/2024)

1-METHOXY-2-PROPANOL

Avoid exposure to: air.

BUTAN-1-OL

Avoid exposure to: sources of heat,naked flames.

N-BUTYL ACETATE

Avoid exposure to: moisture,sources of heat,naked flames.

10.5. Incompatible materials

2-METHOXY-1-METHYLETHYL ACETATE

Incompatible with: oxidising substances,strong acids,alkaline metals.

1-METHOXY-2-PROPANOL

Incompatible with: oxidising substances,strong acids,alkaline metals.

N-BUTYL ACETATE

Incompatible with: water,nitrates,strong oxidants,acids,alkalis,zinc.

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.
It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

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

Metabolism, toxicokinetics, mechanism of action and other information

2-METHOXY-1-METHYLETHYL ACETATE

The main route of entry is the skin, whereas the respiratory route is less important due to the low vapour pressure of the product.

Information on likely routes of exposure

2-METHOXY-1-METHYLETHYL ACETATE

WORKERS: inhalation; contact with the skin.

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.

COMEC ITALIA SRL		Revision nr. 2
		Dated 14/04/2025
PLT 34 WHITE 2: 60 BN,		Printed on 14/04/2025
		Page n. 17/25
		Replaced revision:1 (Dated: 27/02/2024)
N-BUTYL ACETATE WORKERS: inhalation; contact with the skin.		
<u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u>		
2-METHOXY-1-METHYLETHYL ACETATE 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 (INCR, 2010).		
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.		
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.		
<u>Interactive effects</u>		
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).		
<u>ACUTE TOXICITY</u>		
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
TITANIUM DIOXIDE		
LD50 (Oral):		> 5000 mg/l Ratto/Rat
LC50 (Inhalation mists/powders):		> 6,82 mg/l Ratto/Rat
2-ETHOXY-1-METHYLETHYL ACETATE		
LD50 (Dermal):		13,42 ml/Kg Coniglio / Rabbit
LD50 (Oral):		> 5000 mg/kg Ratto / Rat
LC50 (Inhalation vapours):		6,99 mg/l/4h Rat
BUTYLGLYCOL ACETATE		
ATE (Dermal):		1100 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)
ATE (Oral):		500 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):		> 2,66 mg/l/4h Rat
ATE (Inhalation vapours):		11 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)
2-METHOXY-1-METHYLETHYL ACETATE		
LD50 (Dermal):		> 5000 mg/kg Coniglio / Rabbit
LD50 (Oral):		8500 mg/kg Ratto / Rat
LC50 (Inhalation vapours):		4345 ppm/6h Ratto / Rat
1-METHOXY-2-PROPANOL		

LD50 (Dermal):	13000 mg/kg Rabbit
LD50 (Oral):	4000 mg/kg Rat
LC50 (Inhalation vapours):	54,6 mg/l/4h Rat
BUTAN-1-OL	
LD50 (Dermal):	3400 mg/kg Rabbit
LD50 (Oral):	2290 mg/kg Rat
ATE (Oral):	500 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):	17,76 mg/l/4h Rat
N-BUTYL ACETATE	
LD50 (Dermal):	> 14000 mg/kg Rabbit
LD50 (Oral):	> 10000 mg/kg Rat
LC50 (Inhalation vapours):	> 21 mg/l/4h Rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.
Contains:
Phthalic anhydride with less than 0,05% of maleic anhydride

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

May cause drowsiness or dizziness

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

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

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

TITANIUM DIOXIDE	
LC50 - for Fish	> 10000 mg/l/96h Cypridonon variegatus
2-METHOXY-1-METHYLETHYL ACETATE	
LC50 - for Fish	134 mg/l/96h Pesce, Oncorhynchus mykiss OECD 203
EC50 - for Crustacea	> 500 mg/l/48h Daphnia magna
EC50 - for Algae / Aquatic Plants	> 1000 mg/l/72h Selenastrum capricornutum OECD 201
Chronic NOEC for Fish	47,5 mg/l Oryzias latipes 14 gg OECD 204
Chronic NOEC for Crustacea	100 mg/l Dapnia magna 21 gg OECD 202
2-ETHOXY-1-METHYLETHYL ACETATE	
LC50 - for Fish	140 mg/l/48h Oncorhynchus mykiss (test 48h)
EC50 - for Crustacea	110 mg/l/48h Daphnia magna
EC50 - for Algae / Aquatic Plants	> 100 mg/l/72h Scenedesmus subspicatus
BUTAN-1-OL	
LC50 - for Fish	1376 mg/l/96h Pimephales promelas
EC50 - for Crustacea	1328 mg/l/48h Daphnia magna
EC50 - for Algae / Aquatic Plants	225 mg/l/96h 96h - Selenastrum capricornutum
1-METHOXY-2-PROPANOL	
LC50 - for Fish	> 20800 mg/l/96h Pimephales promelas
EC50 - for Crustacea	> 21100 mg/l/48h Daphnia magna, prova statica
EC50 - for Algae / Aquatic Plants	> 1000 mg/l/72h Scenedesmus subspicatus, prova statica
N-BUTYL ACETATE	
LC50 - for Fish	18 mg/l/96h Pimephales promelas
EC50 - for Crustacea	44 mg/l/48h Daphnia Magna
EC10 for Algae / Aquatic Plants	674,7 mg/l/72h Desmodesmus subspicatus
Chronic NOEC for Crustacea	23 mg/l 21d/ Daphnia magna
BUTYLGLYCOL ACETATE	
LC50 - for Fish	> 20 mg/l/96h Fish 20-40 mg/kg (48h)
EC50 - for Crustacea	145 mg/l/24h Daphnia Magna (24h)
EC50 - for Algae / Aquatic Plants	1570 mg/l/72h Scenedesmus subspicatus

12.2. Persistence and degradability

COMEC ITALIA SRL		Revision nr. 2
		Dated 14/04/2025
PLT 34 WHITE 2: 60 BN,		Printed on 14/04/2025
		Page n. 20/25
		Replaced revision:1 (Dated: 27/02/2024)
2-METHOXY-1-METHYLETHYL ACETATE		
Solubility in water	> 10000 mg/l	
Rapidly degradable		
OECD GI 301F 83% 10 d		
2-ETHOXY-1-METHYLETHYL ACETATE		
Solubility in water	> 10000 mg/l	
Rapidly degradable		
Activated sludge - 89%/15 d - 100%/28 d		
BUTAN-1-OL		
Solubility in water	78 mg/l	
Rapidly degradable		
1-METHOXY-2-PROPANOL		
Solubility in water	1000 - 10000 mg/l	
Rapidly degradable		
N-BUTYL ACETATE		
Solubility in water	5,3 mg/l	
Rapidly degradable		
BUTYLGLYCOL ACETATE		
Solubility in water	15000 mg/l	
Rapidly degradable		
12.3. Bioaccumulative potential		
2-METHOXY-1-METHYLETHYL ACETATE		
Partition coefficient: n-octanol/water	1,2	
BCF	100	
2-ETHOXY-1-METHYLETHYL ACETATE		
Partition coefficient: n-octanol/water	0,76	
BCF	3,162	
BUTAN-1-OL		
Partition coefficient: n-octanol/water	1	
BCF	3,16	
1-METHOXY-2-PROPANOL		
Partition coefficient: n-octanol/water	< 1	
N-BUTYL ACETATE		
Partition coefficient: n-octanol/water	2,3	
BCF	15,3	
BUTYLGLYCOL ACETATE		
Partition coefficient: n-octanol/water	1,51	
12.4. Mobility in soil		
2-METHOXY-1-METHYLETHYL ACETATE		
Partition coefficient: soil/water	1,7	

COMEC ITALIA SRL	Revision nr. 2 Dated 14/04/2025
PLT 34 WHITE 2: 60 BN,	Printed on 14/04/2025 Page n. 21/25 Replaced revision:1 (Dated: 27/02/2024)

2-ETHOXY-1-METHYLETHYL ACETATE	
Partition coefficient: soil/water	1
BUTAN-1-OL	
Partition coefficient: soil/water	0,388
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 ≥ 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.
The management of waste arising from the use or dispersal of this product must be organised in accordance with occupational safety regulations. See section 8 for possible need for PPE.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

14.1. UN number or ID number

ADR / RID, IMDG, IATA: UN 1210

14.2. UN proper shipping name

ADR / RID: PRINTING INK or PRINTING INK RELATED MATERIAL
IMDG: PRINTING INK or PRINTING INK RELATED MATERIAL
IATA: PRINTING INK or PRINTING INK 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, IATA:	III
------------------------	-----

14.5. Environmental hazards

ADR / RID:	NO
IMDG:	not marine pollutant
IATA:	NO

14.6. Special precautions for user

ADR / RID:	HIN - Kemler: 30	Limited Quantities: 5 It	Tunnel restriction code: (D/E)
	Special provision: 163, 367		
IMDG:	EMS: F-E, S-D	Limited Quantities: 5 It	
IATA:	Cargo:	Maximum quantity: 220 L	Packaging instructions: 366
	Passengers:	Maximum quantity: 60 L	Packaging instructions: 355
	Special provision:	A3, A72, A192	

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/EU: P5c

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

Product Point	3 - 40
---------------	--------

Contained substance

Point	75	SODIUM HYDROXIDE
Point	75	Phthalic anhydride with less than 0,05% of maleic anhydride REACH Reg.: 01-2119457017-41
Point	75	2-methoxypropanol
Point	75	TITANIUM DIOXIDE REACH Reg.: 01-2119489379-17-0018
Point	75	BUTAN-1-OL REACH Reg.: 01-2119484630-38

Regulation (EU) 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 Regulation (EU) 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. 3	Flammable liquid, category 3
Acute Tox. 4	Acute toxicity, category 4
Eye Dam. 1	Serious eye damage, category 1
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Resp. Sens. 1	Respiratory sensitization, category 1
Skin Sens. 1	Skin sensitization, category 1
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains <name of sensitising substance>. May produce an allergic reaction.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 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: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 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
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

COMEC ITALIA SRL	Revision nr. 2 Dated 14/04/2025
PLT 34 WHITE 2: 60 BN,	Printed on 14/04/2025 Page n. 25/25 Replaced revision:1 (Dated: 27/02/2024)

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 (EC) 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)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
23. Delegated Regulation (UE) 2023/707
24. Delegated Regulation (UE) 2023/1434 (XIX Atp. CLP)
25. Delegated Regulation (UE) 2023/1435 (XX Atp. CLP)
26. Delegated Regulation (UE) 2024/197 (XXI 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.

For information on any exposure scenarios of the substances present in the mixture, contact Sericom Italia srl.

Changes to previous review:

The following sections were modified:
02 / 03 / 04 / 07 / 08 / 11 / 13 / 14 / 15.