0600 - HOLZSPRAY

category 3

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Safety Data Sheet

According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

SECTION 1. Identification of the subs	stance/mix	ture and of the	e company/	undertaking
1.1. Product identifier				
Code: Product name	0600 HOLZSPRAY			
UFI :	2WS2-504F-N	100N-38K6		
1.2. Relevant identified uses of the substance or m	ixture and use	s advised against		
Intended use	Uniforming F	ixative Spray Paint	t.	
Identified Uses	Industrial	Profe	essional	Consumer
Coatings and paints, thinners, paint removers	PC: 9a.	PC: 9	9a.	
Manufacture of furniture	SU: 18.	SU: ²	18.	-
Manufacture of wood and wood products	SU: 6a.	SU: (6a.	
1.3. Details of the supplier of the safety data sheet				
Name	B.P.S. S.r.I.			
Full address	Via Industria	n. 4		
District and Country	30029	San Stino di Liven	za	(VE)
	Tel. Fax	+39 0421 951900 +39 0421 951902		
e-mail address of the competent person responsible for the Safety Data Sheet	tecnico@bor	mawachs.it		
Supplier:	B.P.S. S.r.I.			
1.4. Emergency telephone number				
For urgent inquiries refer to	B.P.S. S.r.l.: Ireland NPIC UK NPIS 034	+39 0421 951900 (01) 809 2566 4 892 0111		
SECTION 2. Hazards identification				
2.1. Classification of the substance or mixture				
The product is classified as hazardous pursuant to t amendments and supplements). The product thus re 2020/878.	he provisions se equires a safety	et forth in (EC) Regu datasheet that comp	lation 1272/2008 blies with the pro	(CLP) (and subsequent visions of (EU) Regulation
Any additional information concerning the risks for h	ealth and/or the	e environment are giv	ven in sections 1	1 and 12 of this sheet.
Hazard classification and indication:				
Aerosol, category 1		H222	Extremely flam	nable aerosol.
Eve irritation category 2		H229 H319	Causes serious	itainer: may purst if neated. eve irritation.
Skin irritation, category 2		H315	Causes skin irri	tation.
Specific target organ toxicity - single exposure,		H336	May cause drow	vsiness or dizziness.

@EPY 11.1.2 - SDS 1004.14

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SECTION 2. Hazards identification .../>>

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: H222 H229 H319 H315 H336 EUH208	Extremely flammable aerosol. Pressurised container: may burst if heated. Causes serious eye irritation. Causes skin irritation. May cause drowsiness or dizziness. Contains: METHYL METHACRYLATE N-BUTYL ACRYLATE May produce an allergic reaction.	
Precautionary statements: P101 P102 P501 P210 P211 P251 P261 P280 P410+P412	If medical advice is needed, have product container Keep out of reach of children. Dispose of the product and / or container in accorda Keep away from heat, hot surfaces, sparks, open fla Do not spray on an open flame or other ignition sou Do not pierce or burn, even after use. Avoid breathing dust / fume / gas / mist / vapours / s Wear protective gloves / eye protection / face protect Protect from sunlight. Do no expose to temperature	[•] or label at hand. ance with local, regional, national and international regulations. ames and other ignition sources. No smoking. rce. spray. ction. s exceeding 50°C / 122°F.
Contains:	ACETONE N-BUTYL ACETATE ETHYL ACETATE 1-methoxypropan-2-ol	
VOC (Directive 2004/42/E Special finishes. VOC given in g/litre of prod Limit value:	C) : duct in a ready-to-use condition :	610,93 840,00
For professional users only	у	

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 $\ge 0.1\%$.

SECTION 3. Composition/information on ingredients

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SECTION 3. Composition/information on ingredients/>>

3.2. Mixtures

Contains:			
Identification	x = Conc.	%	Classification (EC) 1272/2008 (CLP)
Dimethyl ether	r		
CAS	115-10-6	50 ≤ x < 60	Flam. Gas 1A H220, Press. Gas H280
EC	204-065-8		
INDEX	603-019-00-8		
REACH Reg.	01-2119472128-37		
ACETONE			
CAS	67-64-1	14 ≤ x < 19	Flam. Lig. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066
EC	200-662-2		
INDEX	606-001-00-8		
REACH Rea.	01-2119471330-49		
N-BUTYL ACE	TATE		
CAS	123-86-4	7≤x< 10	Flam. Lig. 3 H226, STOT SE 3 H336, EUH066
EC	204-658-1		
INDEX	607-025-00-1		
REACH Rea.	01-2119485493-29		
XYLENE (MIX)	URE OF ISOMERS		
CAS	1330-20-7	5≤x< 8	Flam, Lig. 3 H226, Acute Tox, 4 H312, Acute Tox, 4 H332, Skin Irrit, 2 H315,
			Classification note according to Annex VI to the CLP Regulation: C
FC	215-535-7		STA Dermal: 1100 mg/kg. STA Inhalation mists/powders: 1.5 mg/l
INDEX	601-022-00-9		
REACH Rea	01-2119488216-32		
FTHYL ACETA	TF		
CAS	141-78-6	3 < x < 5	Elam Lig 2 H225 Eve Irrit 2 H319 STOT SE 3 H336 EUH066
EC.	205-500-4	0 = X + 0	
	607-022-00-5		
REACH Rea	01-2110475103-46		
1-methoxypro	nan-2-01		
CAS	107-98-2	1 < x < 3	Elam Lig 3 H226, STOT SE 3 H336
EC	203-530-1	1=X 3	
	603-064-00-3		
REACH Rea	003-0000-3	VVVV	
2-METHOXY-1		YETATE	
	108-65-6	nq < y < 1	Flam Lig 3 H226
EC	203-603-0	0,0 = X < 1	Ham. Eq. 0 M220
	607-105-00-7		
REACH Rea	007-795-00-7		
ETHVI BENZE	NE		
		04557505	5 Elam Lin 2 11225 Acuto Tox 4 11222 Acn Tox 4 11204 STOT DE 2 11273
EC	202 840 4	$0,45 \le X \le 0,5$	STA Inhalation mists/nowdors: 1.5 mg/l
	202-0 4 9-4 601 022 00 1		STA Initiation misus/powders. 1,5 mg/
	001-023-00-4		
N BUTVI ACB	VI ATE		
CAS	1/1 22 2	0.15 < y < 0.2	2 Elam Lia 3 U226 Evo Irrit 2 U210 Skin Irrit 2 U215 STOT SE 3 U225 Skin
CAS	141-52-2	$0, 15 \le x \le 0, 2$	2 Fidili. Liq. 5 H220, Eye IIII. 2 H519, Skill IIII. 2 H519, STOT SE 5 H559, Skill Sone 1 H317, Classification note according to Annov VI to the CLP
			Begulation D
FC	205_480_7		Negulation. D
	200-400-7		
	80 62 6	0.15 < y < 0.2	2 Elam Lia 2 U225 Skin Irrit 2 U215 STOT SE 2 U225 Skin Sone 1 U217
CAS	00-02-0	0,15 = X < 0,2	Classification note according to Annex VI to the CLP Regulation: D
EC	201-297-1		
INDEX	607-035-00-6		
METHYL ETHY	L KETONE		
CAS	78-93-3	$0,15 \le x < 0,2$	2 Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066
EC	201-159-0		
INDEX	606-002-00-3		
REACH Reg.	01-2119457290-43		
-			

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

The product is an aerosol containing propellants. For the purposes of calculation of the health hazards, propellants are not considered (unless they have health hazards). The percentages indicated are inclusive of the propellants. Percentage of propellants: 50,00 %

EN

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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 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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

Information not available

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 If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the fire. Do not breathe combustion products.

METHYL METHACRYLATE Heat may cause the product to polymerise, which could lead to explosion.

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.

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

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. Wear protective gloves / protective clothing / eye protection / face protection.

6.2. Environmental precautions

Do not disperse in the environment.

6.3. Methods and material for containment and cleaning up

Use inert absorbent material to soak up leaked product. 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.

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SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use. Do not breathe spray.

7.2. Conditions for safe storage, including any incompatibilities

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C / 122°F, away from any combustion sources.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

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
ESP	España	Límites de exposición profesional para agentes guímicos en España 2021
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
		HÄLSOVÅRDSMINISTERIETS PUBLIKATIONER 2020:25
HUN	Magyarország	Az innovációért és technológiáért felelős miniszter 5/2020. (II. 6.) ITM rendelete a kémiai kóroki
	0, 0	tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
LVA	Latvija	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. §)
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
SVK	Slovensko	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
SVN	Slovenija	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)
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
EU	OEL EU	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 2021

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SECTION 8. Exposure controls/personal protection/>>

ACETONE								
Threshold Limit V	/alue							
Туре	Country	TWA/8h		STEL/15n	nin	Remarks / Observations		
		mg/m3	ppm	mg/m3	ppm			
AGW	DEU	1200	500	2400 (C)	1000 (C)			
MAK	DEU	1200	500	2400	1000			
VLEP	FRA	1210	500	2420	1000			
HTP	FIN	1200	500	1500	630			
AK	HUN	1210						
VLEP	ITA	1210	500					
RV	LVA	1210	500			SKIN		
VLE	PRT	1210	500					
NDS/NDSCh	POL	600		1800				
TLV	ROU	1210	500					
NPEL	SVK	1210	500					
MV	SVN	1210	500	2420	1000			
WEL	GBR	1210	500	3620	1500			
OEL	EU	1210	500					
TLV-ACGIH			250		500			

N-BUTYL ACETATE

Threshold Limit V	/alue					
Туре	Country	TWA/8h		STEL/15n	nin	Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	300	62	600 (C)	124 (C)	
VLA	ESP	241	50	724	150	
VLEP	FRA	710	150	940	200	
AK	HUN	241		723		
VLEP	ITA	241	50	723	150	
RV	LVA	200				
VLE	PRT	241	50	723	150	
NDS/NDSCh	POL	240		720		
TLV	ROU	241	50	723	150	
NPEL	SVK	241	50	723	150	
MV	SVN	300	62	600	124	
WEL	GBR	724	150	966	200	
OEL	EU	241	50	723	150	
TLV-ACGIH			50		150	

XYLENE (MIXTURE OF ISOMERS)

Threshold Limit V	/alue					
Туре	Country	TWA/8h		STEL/15	min	Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	440	100	880	200	SKIN
MAK	DEU	440	100	880	200	SKIN
VLA	ESP	221	50	442	100	SKIN
VLEP	FRA	221	50	442	100	SKIN
HTP	FIN	220	50	440	100	SKIN
AK	HUN	221		442		SKIN
VLEP	ITA	221	50	442	100	SKIN
RV	LVA	221	50	442	100	SKIN
VLE	PRT	221	50	442	100	SKIN
NDS/NDSCh	POL	100		200		SKIN
TLV	ROU	221	50	442	100	SKIN
NPEL	SVK	221	50	442	100	SKIN
MV	SVN	221	50	442	100	SKIN
WEL	GBR	220	50	441	100	SKIN
OEL	EU	221	50	442	100	SKIN
TLV-ACGIH		434	100	651	150	

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ETHYL ACETATE

Threshold Limit \	/alue					
Туре	Country	TWA/8h		STEL/15	min	Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	730	200	1460	400	
MAK	DEU	750	200	1500	400	
VLA	ESP	734	200	1468	400	
VLEP	FRA	734	200	1468	400	
HTP	FIN	730	200	1470	400	
AK	HUN	734		1468		
VLEP	ITA	734	200	1468	400	
RV	LVA	200	54	1468	400	
VLE	PRT	734	200	1468	400	
NDS/NDSCh	POL	734		1468		
TLV	ROU	734	200	1468	400	
NPEL	SVK	734	200	1468	400	
MV	SVN	734	200	1468	400	
WEL	GBR	734	200	1468	400	
OEL	EU	734	200	1468	400	
TLV-ACGIH		1441	400			

1-methoxypropan-2-ol

2-METHOXY-1-METHYLETHYL ACETATE

Threshold Limit V	/alue					
Туре	Country	TWA/8h		STEL/15	min	Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	270	50	270	50	
MAK	DEU	270	50	270	50	
VLA	ESP	275	50	550	100	SKIN
VLEP	FRA	275	50	550	100	SKIN
HTP	FIN	270	50	550	100	SKIN
AK	HUN	275		550		
VLEP	ITA	275	50	550	100	SKIN
RV	LVA	275	50	550	100	SKIN
VLE	PRT	275	50	550	100	SKIN
NDS/NDSCh	POL	260		520		SKIN
TLV	ROU	275	50	550	100	SKIN
NPEL	SVK	275	50	550	100	SKIN
MV	SVN	275	50	550	100	SKIN
WEL	GBR	274	50	548	100	SKIN
OEL	EU	275	50	550	100	SKIN

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ETHYLBENZENE								
Threshold Limit V	/alue							
Туре	Country	TWA/8h		STEL/15r	min	Remarks / Observations		
		mg/m3	ppm	mg/m3	ppm			
AGW	DEU	88	20	176	40	SKIN		
MAK	DEU	88	20	176	40	SKIN		
VLA	ESP	441	100	884	200	SKIN		
VLEP	FRA	88,4	20	442	100	SKIN		
HTP	FIN	220	50	880	200	SKIN		
AK	HUN	442		884		SKIN		
VLEP	ITA	442	100	884	200	SKIN		
RV	LVA	442	100	884	200	SKIN		
VLE	PRT	442	100	884	200	SKIN		
NDS/NDSCh	POL	200		400		SKIN		
TLV	ROU	442	100	884	200	SKIN		
NPEL	SVK	442	100	884	200	SKIN		
MV	SVN	442	100	884	200	SKIN		
WEL	GBR	441	100	552	125	SKIN		
OEL	EU	442	100	884	200	SKIN		
TLV-ACGIH		87	20					

METHYL ETHYL KETONE

Threshold Limit V	/alue					
Туре	Country	TWA/8h		STEL/15r	min	Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	600	200	600	200	SKIN
MAK	DEU	600	200	600	200	SKIN
VLA	ESP	600	200	900	300	
VLEP	FRA	600	200	900	300	SKIN
HTP	FIN	60	20	300	100	SKIN
AK	HUN	600		900		SKIN
VLEP	ITA	600	200	900	300	
RV	LVA	200	67	900	300	
VLE	PRT	600	200	900	300	
NDS/NDSCh	POL	450		900		SKIN
TLV	ROU	600	200	900	300	
NPEL	SVK	600	200	900	300	
MV	SVN	600	200	900	300	SKIN
WEL	GBR	600	200	899	300	SKIN
OEL	EU	600	200	900	300	
TLV-ACGIH		590	200	885	300	

METHYL METHACRYLATE

Threshold Limit Value						
Туре	Country	TWA/8h		STEL/15r	nin	Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	210	50	420 (C)	100 (C)	
MAK	DEU	210	50	420	100	
VLA	ESP		50		100	
VLEP	FRA	205	50	410	100	
HTP	FIN	42	10	210	50	
AK	HUN	208		415		SKIN
VLEP	ITA		50		100	
RV	LVA	10				
VLE	PRT		50		100	
NDS/NDSCh	POL	100		300		
TLV	ROU	205	50	410	100	
NPEL	SVK		50		100	
MV	SVN	210	50	420	100	
WEL	GBR	208	50	416	100	
OEL	EU		50		100	
TLV-ACGIH		205	50	410	100	

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N-BUTYL ACRYLATE

Threshold Limit Value						
Туре	Country	TWA/8h		STEL/15r	nin	Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	11	2	22	4	
MAK	DEU	11	2	22	4	SKIN
VLA	ESP	11	2	53	10	
VLEP	FRA	11	2	53	10	
AK	HUN	11		53		
VLEP	ITA	11	2	53	10	
RV	LVA	11	2	53	10	
VLE	PRT	11	2	53	10	
NDS/NDSCh	POL	11		30		
TLV	ROU	11	2	53	10	
NPEL	SVK	11	2	53	10	
MV	SVN	11	2	53	10	SKIN
WEL	GBR	5	1	26	5	
OEL	EU	11	2	53	10	
TLV-ACGIH		10	2			

Legend:

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

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

None required.

SKIN PROTECTION

Wear category II 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.

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, a mask with a type AX filter combined with a type P filter should be worn (see standard EN 14387).

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.

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
Appearance	aerosol
Colour	transparent
Odour	characteristic
Melting point / freezing point	-141,5 °C
Initial boiling point	Not applicable
Flammability	flammable liquid
Lower explosive limit	3,3 % (v/v)
Upper explosive limit	26,2 % (v/v)
Flash point	-80 °C
Auto-ignition temperature	226 °C
рН	Not applicable
Kinematic viscosity	Not available
Solubility	SOLUBLE IN SOLVENTS
Partition coefficient: n-octanol/water	07 log Pow
Vapour pressure	513 kPa
Density and/or relative density	0,67 g/cm3

Information

@EPY 11.1.2 - SDS 1004.14

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SECTION 9. Physical and chemical properties/>>

Relative vapour density Particle characteristics	>1 Not applicable	
9.2. Other information		
9.2.1. Information with regard to physical hazar	d classes	
Information not available		
9.2.2. Other safety characteristics		
VOC (Directive 2004/42/EC) : VOC (volatile carbon)	91,18 % - 610,93 g/litre 52,95 % - 354,79 g/litre	
SECTION 10. Stability and reactiv	ty	
10.1. Reactivity		
There are no particular risks of reaction with oth	ner substances in normal conditions of use.	
ACETONE		
N-BUTYL ACETATE		

Decomposes on contact with: water.

ETHYL ACETATE

Decomposes slowly into acetic acid and ethanol under the effect of light, air and water.

1-methoxypropan-2-ol

Dissolves various plastic materials.Stable in normal conditions of use and storage. Absorbs and disolves in water and in organic solvents. With air it may slowly form explosive peroxides.

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.

METHYL ETHYL KETONE

Reacts with: light metals, strong oxidants. Attacks various types of plastic materials. Decomposes under the effect of heat.

N-BUTYL ACRYLATE

When hot it can polymerise with explosion even when stabilised with 20 ppm of momomethyl ether hydroquinone. Store at below $< 35^{\circ}C/95^{\circ}F$ and out of direct light. Always leave a layer of air on top of the liquid.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

ACETONE

Risk of explosion on contact with: bromine trifluoride,fluorine dioxide,hydrogen peroxide,nitrosyl chloride,2-methyl-1,3

butadiene,nitromethane,nitrosyl perchlorate.May react dangerously with: potassium tert-butoxide,alkaline

hydroxides,bromine,bromoform,isoprene,sodium,sulphur dioxide,chromium trioxide,chromyl chloride,nitric

acid, chloroform, peroxymonosulphuric acid, phosphoryl oxychloride, chromosulphuric acid, fluorine, strong oxidising agents, strong reducing agents. Develops flammable gas on contact with: nitrosyl perchlorate.

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.

XYLENE (MIXTURE OF ISOMERS)

Stable in normal conditions of use and storage.Reacts violently with: strong oxidants,strong acids,nitric acid,perchlorates.May form explosive mixtures with: air.

ETHYL ACETATE

Risk of explosion on contact with: alkaline metals, hydrides, oleum. May react violently with: fluorine, strong oxidising agents, chlorosulphuric acid, potassium tert-butoxide. Forms explosive mixtures with: air.

1-methoxypropan-2-ol

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

2-METHOXY-1-METHYLETHYL ACETATE

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

ETHYLBENZENE

Reacts violently with: strong oxidants.Attacks various types of plastic materials.May form explosive mixtures with: air.

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SECTION 10. Stability and reactivity ... / >>

METHYL ETHYL KETONE May form peroxides with: air,light,strong oxidising agents.Risk of explosion on contact with: hydrogen peroxide,nitric acid,sulphuric acid.May react dangerously with: oxidising agents, trichloromethane, alkalis. Forms explosive mixtures with: air. METHYL METHACRYLATE May polymerise on contact with: ammonia,organic peroxides,persulphates.Risk of explosion on contact with: dibenzoyl peroxide, diterbutyl peroxide, propional dehyde. May react dangerously with: strong oxidising agents. Forms explosive mixtures with: air. N-BUTYL ACRYLATE May polymerise on contact with: amines,bases,halogens,strong oxidising agents,acids,hydrogen compounds.May polymerise if exposed to: heat.Forms explosive mixtures with: hot air. 10.4. Conditions to avoid Avoid overheating. ACETONE Avoid exposure to: sources of heat, naked flames. N-BUTYL ACETATE Avoid exposure to: moisture, sources of heat, naked flames. **ETHYL ACETATE** Avoid exposure to: light.sources of heat.naked flames. 1-methoxypropan-2-ol Avoid exposure to: air. METHYL ETHYL KETONE Avoid exposure to: sources of heat. METHYL METHACRYLATE Avoid exposure to: heat,UV rays.Avoid contact with: oxidising substances.reducing substances.acids.bases. N-BUTYL ACRYLATE Avoid exposure to: light, sources of heat, naked flames. 10.5. Incompatible materials Strong reducing or oxidising agents, strong acids or alkalis, hot material. ACETONE Incompatible with: acids,oxidising substances. N-BUTYL ACETATE Incompatible with: water, nitrates, strong oxidants, acids, alkalis, zinc. ETHYL ACETATE Incompatible with: acids,bases,strong oxidants,aluminium,nitrates,chlorosulphuric acid.Incompatible materials: plastic materials. 1-methoxypropan-2-ol Incompatible with: oxidising substances, strong acids, alkaline metals. 2-METHOXY-1-METHYLETHYL ACETATE Incompatible with: oxidising substances, strong acids, alkaline metals. METHYL ETHYL KETONE Incompatible with: strong oxidants.inorganic acids.ammonia.copper.chloroform. N-BUTYL ACRYLATE Incompatible with: amines, halogens, oxidising substances, strong acids, alkalis. 10.6. Hazardous decomposition products ACETONE May develop: ketenes, irritant substances. **ETHYLBENZENE** May develop: methane,styrene,hydrogen,ethane. METHYL METHACRYLATE When heated to decomposition releases: harsh fumes, zinc alloys. 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

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SECTION 11. Toxicological information ... / >>

N-BUTYL ACETATE

WORKERS: inhalation; contact with the skin.

XYLENE (MIXTURE OF ISOMERS) WORKERS: inhalation; contact with the skin. POPULATION: ingestion of contaminated food or water; inhalation of ambient air.

1-methoxypropan-2-ol

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.

2-METHOXY-1-METHYLETHYL ACETATE WORKERS: inhalation; contact with the skin.

ETHYLBENZENE

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

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.

XYLENE (MIXTURE OF ISOMERS) Toxic effect on the central nervous system (encephalopathy); irritating for the skin, conjunctiva, cornea and respiratory apparatus.

1-methoxypropan-2-ol

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.

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).

ETHYLBENZENE

As the counterparts of benzene, may have an acute effect on the central nervous system, with depression, narcosis, often preceded by dizziness and associated with headache (IspesI). Is irritating for skin, conjunctiva and respiratory tract.

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).

XYLENE (MIXTURE OF ISOMERS)

Intake of alcohol interferes with the metabolism of the substance, inhibiting it. Ethanol consumption (0.8 g/kg) before a 4-hour exposure to xylene vapours (145 and 280 ppm) causes a 50% reduction in the excretion of methyl hippuric acid, whereas the concentration of xylenes in the blood increases approx. 1.5-2 times. At the same time there is an increase in the secondary side effects of the ethanol. The metabolism of the xylenes is increased by phenobarbital and 3-methyl-colantrene type enzyme inducers. Aspirin and xylenes mutually inhibit their conjugation with the glycine, which results in a decrease in urinary excretion of methyl hippuric acid. Other industrial products can interfere with the metabolism of xylenes.

ACUTE TOXICITY

ATE (Inhalation - mists / powders) of the mixture: ATE (Oral) of the mixture: ATE (Dermal) of the mixture: > 5 mg/l
 Not classified (no significant component)
 >2000 mg/kg

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SECTION 11. Toxicological information ... / >>

N-BUTYL ACETATE LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours):

XYLENE (MIXTURE OF ISOMERS) LD50 (Dermal): STA (Dermal):

LD50 (Oral): LC50 (Inhalation vapours): STA (Inhalation mists/powders):

1-methoxypropan-2-ol LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours):

2-METHOXY-1-METHYLETHYL ACETATE LD50 (Dermal): LD50 (Oral):

ETHYLBENZENE LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours): STA (Inhalation mists/powders):

METHYL ETHYL KETONE LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours):

N-BUTYL ACRYLATE LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours):

SKIN CORROSION / IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction. Contains: METHYL METHACRYLATE N-BUTYL ACRYLATE

Respiratory sensitization

Information not available

Skin sensitization

Information not available

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

> 5000 mg/kg Rabbit > 6400 mg/kg Rat 21,1 mg/l/4h Rat

4350 mg/kg Rabbit 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) 3523 mg/kg Rat 26 mg/l/4h Rat 1,5 mg/l (figure used for calculation of the acute toxicity estimate of the mixture)

13000 mg/kg Rabbit 5300 mg/kg Rat 54,6 mg/l/4h Rat

> 5000 mg/kg Rat 8530 mg/kg Rat

15354 mg/kg Rabbit 3500 mg/kg Rat 17,2 mg/l/4h Rat 1,5 mg/l (figure used for calculation of the acute toxicity estimate of the mixture)

6480 mg/kg Rabbit 2737 mg/kg Rat 23,5 mg/l/8h Rat

750 mg/kg Rabbit 900 mg/kg Rat 10,3 mg/l/4h Rat

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SECTION 11. Toxicological information .../>>

Does not meet the classification criteria for this hazard class

XYLENE (MIXTURE OF ISOMERS)

Classified in Group 3 (not classifiable as a human carcinogen) by the International Agency for Research on Cancer (IARC). The US Environmental Protection Agency (EPA) affirms that "the data is inadequate for an assessment of the carcinogenic potential".

ETHYLBENZENE

Classified in Group 2B (possible human carcinogen) by the International Agency for Research on Cancer (IARC) - (IARC, 2000). Classified in Group D (not classifiable as a human carcinogen) by the US Environmental Protection Agency (EPA) - (US EPA file on-line 2014).

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Adverse effects on sexual function and fertility

Information not available

Adverse effects on development of the offspring

Information not available

Effects on or via lactation

Information not available

STOT - SINGLE EXPOSURE

May cause drowsiness or dizziness

Target organs

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

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

Information not available

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SECTION 12. Ecological information ... / >>

12.2. Persistence and degradability

XYLENE (MIXTURE OF ISOMERS) Solubility in water Rapidly degradable	100 - 1000 mg/l
METHYL METHACRYLATE Solubility in water Rapidly degradable	15300 mg/l
2-METHOXY-1-METHYLETHYL ACETATE Solubility in water Rapidly degradable	> 10000 mg/l
ETHYLBENZENE Solubility in water Rapidly degradable	1000 - 10000 mg/l
1-methoxypropan-2-ol Solubility in water Rapidly degradable	1000 - 10000 mg/l
ACETONE Rapidly degradable	
METHYL ETHYL KETONE Solubility in water Rapidly degradable	> 10000 mg/l
ETHYL ACETATE Solubility in water Rapidly degradable	> 10000 mg/l
N-BUTYL ACETATE Solubility in water	1000 - 10000 mg/l
N-BUTYL ACRYLATE Solubility in water Rapidly degradable	1700 mg/l
12.3. Bioaccumulative potential	
XYLENE (MIXTURE OF ISOMERS) Partition coefficient: n-octanol/water BCF	3,12 25,9
METHYL METHACRYLATE Partition coefficient: n-octanol/water	1,38
2-METHOXY-1-METHYLETHYL ACETATE Partition coefficient: n-octanol/water	1,2
ETHYLBENZENE Partition coefficient: n-octanol/water	3,6
1-methoxypropan-2-ol Partition coefficient: n-octanol/water	< 1
ACETONE Partition coefficient: n-octanol/water BCF	-0,23 3
METHYL ETHYL KETONE Partition coefficient: n-octanol/water	0,3

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SECTION 12. Ecological information ... / >>

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	ETHYL ACETATE Partition coefficient: n-octanol/water BCF	0,68 30
	N-BUTYL ACETATE Partition coefficient: n-octanol/water BCF	2,3 15,3
	N-BUTYL ACRYLATE Partition coefficient: n-octanol/water BCF	2,38 37
12	.4. Mobility in soil	
	XYLENE (MIXTURE OF ISOMERS) Partition coefficient: soil/water	2,73
	METHYL METHACRYLATE Partition coefficient: soil/water	0,94
	N-BUTYL ACETATE Partition coefficient: soil/water	< 3
	N-BUTYL ACRYLATE	

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%.

1,6

12.6. Endocrine disrupting properties

Partition coefficient: soil/water

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.

SECTION 14. Transport information

14.1. UN number or ID number

ADR / RID, IMDG, IATA: 1950

14.2. UN proper shipping name

ADR / RID:	AEROSOLS
IMDG:	AEROSOLS
IATA:	AEROSOLS, FLAMMABLE

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SECTION 14. Transport information / >>

14.3. Transport hazard class(es)

ADR / RID:	Class: 2	Label: 2.1
IMDG:	Class: 2	Label: 2.1
ΙΑΤΑ:	Class: 2	Label: 2.1



14.4. Packing group

ADR / RID, IMDG, IATA: -

14.5. Environmental hazards

ADR / RID: NO IMDG: NO IATA: NO

14.6. Special precautions for user

ADR / RID: HIN - Kemler: --Limited Quantities: 1 L Tunnel restriction code: (D) Special provision: -IMDG: EMS: F-D, S-U Limited Quantities: 1 L Packaging instructions: 203 IATA: Cargo: Maximum quantity: 150 Kg Pass.: Maximum quantity: 75 Kg Packaging instructions: 203 Special provision: A145, A167, A802

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:

 Product
 40

 Contained substance
 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

Regulated explosives precursor

The acquisition, introduction, possession or use of that regulated explosives precursor by members of the general public is subject to reporting obligations as set out in Article 9.

All suspicious transactions and significant disappearances and thefts must be reported to the relevant national contact point.

P3a

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage ≥ 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

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SECTION 15. Regulatory information ... / >>

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.

VOC (Directive 2004/42/EC) : Special finishes.

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. Gas 1A	Flammable gas, category 1A
Aerosol 1	Aerosol, category 1
Aerosol 3	Aerosol, category 3
Flam. Liq. 2	Flammable liquid, category 2
Press. Gas	Pressurised gas
Acute Tox. 4	Acute toxicity, category 4
Asp. Tox. 1	Aspiration hazard, category 1
STOT RE 2	Specific target organ toxicity - repeated exposure, category 2
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
Skin Sens. 1	Skin sensitization, category 1
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: may burst if heated.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may burst if heated.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H304	May be fatal if swallowed and enters airways.
H373	May cause damage to organs through prolonged or repeated exposure.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.

Use descriptor system:

PC	9a	Coatings and paints, thinners, paint removers
SU	18	Manufacture of furniture
SU	6a	Manufacture of wood and wood products

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%

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SECTION 16. Other information ... / >>

- 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: 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 as for REACH Regulation
- WGK: Water hazard classes (German).

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)
- 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 / 09 / 11 / 15 / 16.