AMBRO	D-SOL S.R.L.		Revision nr. 4 Dated 10/10/2020
V500COPRI/ISA - SPRAYS -			Printed on 24/11/2020
V500COPRI/ISA - 5PRA 15 -	CUBREMANCHAS SUL	I MI ISAVAL	Page n. 1/27
			Replaced revision:3 (Dated: 24/07/2020)
	Safety Data Sh	eet	
Acco	rding to Annex II to REACH - Regula		
SECTION 1. Identification of the sub	ostance/mixture and of the stance of the stance of the stance of the standard stand	ne company/un	dertaking
			Ŭ
1.1. Product identifier			
Code:	V500COPRI/ISA	00	
Product name UFI :	SPRAYS - CUBREMANCHAS 5 Y280-H0H4-R00V-U4FK	UU MI ISAVAL	
1.2. Relevant identified uses of the substance or	mixture and uses advised agains	t	
	with high hiding power.	-	
Identified Uses	Industrial F	Professional	Consumer
Consumer	-	-	✓
Industrial Use	\checkmark	-	-
Professional Use	-	/	-
1.3. Details of the supplier of the safety data shee			
Name Full address	AMBRO-SOL S.R.L.		
District and Country	Via per Pavone del Mella n.21 25020 Cigole (BS)		
	Italia		
	Tel. +39 030 9959674		
	Fax +39 030 959265		
e-mail address of the competent person			
responsible for the Safety Data Sheet	quality@ambro-sol.com		
	quanty@ambro Solicom		
1.4. Emergency telephone number			
For urgent inquiries refer to	Centro Antiveleni di Pavia: Tel	. (+39) 0382-24444 (II	RCCS Fondazione Maugeri - Pavia)
	Centro Antiveleni di Bergamo:	Tel. 800 883300 (Os	pedale Papa Giovanni XXIII -
	Bergamo) Centro Antiveleni di Firenze: T	el. 055 7947819 (Osn	edale Careggi - Firenze)
	Centro Antiveleni di Roma: Tel		
	Centro Antiveleni di Napoli: Te		
	de Toxicología y Ciencias Fore		: Tel. 91 5620420 (Instituto Nacional
) 250 250 (Instituto Nacional de
	Emergência Médica - Portugal		
	Centre Antipoison de Paris: Te Toxicovigilance de Paris - Frar		ntre Antipoison et de
			04 (Zakład Toksykologii Klinicznej -
	Polska)		
	American Association of Poise Giftnotrufzentralen (Berlin, De		
SECTION 2. Hazards identification			

2.1. Classification of the substance or mixture

Revision nr. 4

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Dated 10/10/2020 Printed on 24/11/2020

Page n. 2/27

Replaced revision:3 (Dated: 24/07/2020)

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2015/830. 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:	
Aerosol, category 1	H222
	H229
Eye irritation, category 2	H319
Specific target organ toxicity - single exposure, category 3	H336

Extremely flammable aerosol. Pressurised container: may burst if heated. Causes serious eye irritation.

May cause drowsiness or dizziness.

2.2. Label elements

H222 H229

H319

H336

P210

P251

P211

P102

P261

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

Hazard pictograms: Signal words: Danger Hazard statements: Extremely flammable aerosol. Pressurised container: may burst if heated. Causes serious eye irritation. May cause drowsiness or dizziness. EUH066 Repeated exposure may cause skin dryness or cracking. Precautionary statements: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50°C / 122°F. Do not spray on an open flame or other ignition source. Keep out of reach of children. Avoid breathing dust / fume / gas / mist / vapours / spray. Contains: Acetone Methyl acetate N-butyl acetate VOC (Directive 2004/42/EC) : Special finishes. VOC given in g/litre of product in a ready-to-use condition : 638,19 Limit value: 840,00 2.3. Other hazards

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4 Dated 10/10/2020

Printed on 24/11/2020 Page n. 3/27

Replaced revision:3 (Dated: 24/07/2020)

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

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP)
Propane		
CAS 74-98-6	19 ≤ x < 23	Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: U
EC 200-827-9		
INDEX 601-003-00-5		
Reg. no. 01-2119486944-21-0046		
Titanium dioxide		
CAS 13463-67-7	15 ≤ x < 19	
EC 236-675-5		
INDEX -		
Reg. no. 01-2119489379-17-XXXX		
N-butyl acetate		
CAS 123-86-4	15 ≤ x < 19	Flam. Liq. 3 H226, STOT SE 3 H336, EUH066
EC 204-658-1		
INDEX 607-025-00-1		
Reg. no. 01-2119485493-29-XXXX		
Acetone		
CAS 67-64-1	11 ≤ x < 15	Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066
EC 200-662-2		
INDEX 606-001-00-8		
Reg. no. 01-2119471330-49-XXXX		
Methyl acetate		
CAS 79-20-9	11 ≤ x < 15	Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066
EC 201-185-2		
INDEX 607-021-00-X		
Reg. no. 01-2119459211-47-XXXX		
Butane		
CAS 106-97-8	9≤x< 11	Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: C U
EC 203-448-7		Amox vito the OEL Hogulation. O O
INDEX 601-004-00-0		
Reg. no. 01-2119474691-32-XXXX		
Isobutane		
CAS 75-28-5	1 ≤ x < 3	Flam. Gas 1A H220, Press. Gas H280
EC 200-857-2		
INDEX 601-004-00-0		

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4 Dated 10/10/2020 Printed on 24/11/2020

Page n. 4/27 Replaced revision:3 (Dated: 24/07/2020)

Xylene (mixture of isomers)		
CAS 1330-20-7	0,5 ≤ x < 1	Flam. Liq. 3 H226, Acute Tox. 4 H312, Acute Tox. 4 H332, Eye Irrit. 2 H319, Skin Irrit. 2 H315, Classification note according to Annex VI to the CLP Regulation: C
EC 215-535-7		
INDEX 601-022-00-9		
Reg. no. 01-2119488216-32-XXXX		
Methanol		
CAS 67-56-1	0,5 ≤ x < 1	Flam. Liq. 2 H225, Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331, STOT SE 1 H370
EC 200-659-6		
INDEX 603-001-00-X		
Reg. no. 01-2119433307-44-XXXX		
Ethylbenzene		
CAS 100-41-4	$0 \le x < 0,5$	Flam. Liq. 2 H225, Acute Tox. 4 H332, Asp. Tox. 1 H304, STOT RE 2 H373
EC 202-849-4		
INDEX 601-023-00-4		
Reg. no. 01-2119489370-35-XXXX		
Quartz		
CAS 14808-60-7	$0 \le x < 0,5$	STOT RE 2 H373
EC 238-878-4		
INDEX -		

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: 30,50 %

SECTION 4. First aid measures

4.1. Description of first aid measures

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

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately. INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

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

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

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

Information not available

SECTION 5. Firefighting measures

Revision nr. 4

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Dated 10/10/2020

Printed on 24/11/2020 Page n. 5/27

Replaced revision:3 (Dated: 24/07/2020)

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.

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.

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

Revision nr. 4

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Dated 10/10/2020

Printed on 24/11/2020 Page n. 6/27

Replaced revision:3 (Dated: 24/07/2020)

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	TRGS 900 - Seite 1 von 69 (Fassung 29.03.2019)- Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte
ESP	España	LÍMITES DE EXPOSICIÓN PROFESIONAL PARA AGENTES QUÍMICOS EN ESPAÑA 2019 (INSST)
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
PRT	Portugal	Ministério da Economia e do Emprego Consolida as prescrições mínimas em matéria de protecção dos
	-	trabalhadores contra os riscos para a segurança e a saúde devido à exposição a agentes químicos no
		trabalho - Diário da República, 1.ª série - N.º 111 - 11 de junho de 2018
POL	Polska	ROZPORZĄDZENIE MINISTRA RODZINY, PRACY I POLITYKI SPOŁECZNEJ z dnia 12 czerwca 2018 r
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Third edition, published 2018)
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 2020

Propane

Threshold Limit Valu	ue					
Туре	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	1800	1000	7200	4000	
MAK	DEU	1800	1000	7200	4000	
VLA	ESP		1000			
NDS/NDSCh	POL	1800				

Titanium dioxide						
Threshold Limit Valu						
Туре	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
VLA	ESP	10				
VLEP	FRA	10				
NDS/NDSCh	POL	10				INHAL
WEL	GBR	10				INHAL
WEL	GBR	4				RESP
TLV-ACGIH		10				
Predicted no-effect conce	entration - PNEC					
Normal value in fresh wa	ater			184		μg/l
Normal value in marine v	water			18,4		μg/l
Normal value for fresh w	ater sediment			1000	n	ng/kg/d
Normal value for marine	water sediment			100	n	ng/kg/d
Normal value for the terr	estrial compartment			100	n	ng/kg/d

Revision nr. 4

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Dated 10/10/2020 Printed on 24/11/2020

Page n. 7/27

Health - Derived no-effect le		MEL						
	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/kg		Systemic		Systemic
Inhalation				bw/d			10 mg/m3	
N-butyl acetate								
Threshold Limit Value	Country	TWA/8h		STEL/15min		Remarks /		
туре	Country					Observatio	ns	
		mg/m3	ppm	mg/m3	ppm			
AGW	DEU	300	62	600 (C)	124 (C)			
VLA	ESP	724	150	965	200			
VLEP	FRA	710	150	940	200			
NDS/NDSCh	POL	240		720				
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				180	μg/l			
Normal value in marine water				18	μg/l			
Normal value for fresh water sedi	ment			981	μg/l	kg/d		
Normal value for marine water se	diment			98,1	μg/l	kg/d		
Normal value of STP microorgani	sms			35,6	mg/	/		
Normal value for the terrestrial co	mpartment			90,3	μg/l	kg/d		
Health - Derived no-effect le		NEL			E #+++++++			
	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		2 mg/kg bw/d		2 mg/kg bw/d		2		2
Inhalation Skin	300 mg/m3 NPI	300 mg/m3 6 mg/kg bw/d	35,7 mg/m3 NPI	12 mg/m3 3,4 mg/kg	600 mg/m3 NPI	600 mg/m3 11 mg/kg	300 mg/m3 NPI	48 mg/m3 7 mg/kg bw/d
SKIII	INFI	6 mg/kg bw/u		bw/d		bw/d		7 mg/kg bw/u
Acetone Threshold Limit Value								
Туре	Country	TWA/8h		STEL/15min		Remarks /		
		mg/m3	ppm	mg/m3	ppm	Observatio	ns	
AGW	DEU	1200	500	2400 (C)	1000 (C)			
МАК	DEU	1200	500	2400	1000			
VLEP	FRA	1210	500	2420	1000			
VLEP	ITA	1210	500					
VLE	PRT	1210	500					
NDS/NDSCh	POL	600		1800				
WEL	GBR	1210	500	3620	1500			
OEL	EU	1210	500					
TLV-ACGIH			250		500			

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4

Dated 10/10/2020

Printed on 24/11/2020 Page n. 8/27

Normal value in fresh water				10,6	mg	ı/I			
Normal value in marine wat	er			1,06	mg	//			
Normal value for fresh wate	r sediment			30,4	-	i/kg			
Normal value for marine wa	ter sediment			3,04	mg/kg				
Normal value for water, inte	rmittent release			21	mg	-			
Normal value of STP micro	organisms			100	mg	j/l			
Normal value for the food cl	nain (secondary poisor	ing)		29,5	mg	/kg			
Normal value for the terrest	rial compartment			29,5	mg	/kg/d			
Normal value for the atmos	ohere			NPI					
Health - Derived no-eff	Effects on	DMEL			Effects on workers				
Route of exposure	consumers Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic	
Oral			VND	systemic 62 mg/kg		systemic		systemic	
Inhalation			VND	200 mg/m3	VND	2,420 mg/m3	VND	1,210 mg/m	
Skin			VND	62 mg/kg			VND	186 mg/kg	
Methyl acetate Threshold Limit Value									
Туре	Country	TWA/8h		STEL/15min		Remarks / Observatio	ns		
		mg/m3	ppm	mg/m3	ppm				
AGW	DEU	620	200	1240 (C)	400 (C)				
MAK	DEU	310	100	1240	400				
VLA	ESP	616	200	770	250				
VLEP	FRA	610	200	760	250	SKIN			
NDS/NDSCh	POL	250		600					
WEL	GBR	616	200	770	250				
TLV-ACGIH		606	200	757	250				
Predicted no-effect concent	ration - PNEC								
Normal value in fresh water				120	μg	(1			
Normal value in marine wat				12	μg	(1			
Health - Derived no-eff	ect level - DNEL / I Effects on consumers	DMEL			Effects on workers				
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic	
Oral		NPI		44 mg/kg bw/d					
Inhalation	VND	VND	152 mg/m3	UW/U	VND	VND	305 mg/m3	610 mg/m3	
Skin			NPI	44 mg/kg bw/d	NPI	VND	NPI	88 mg/kg bw/d	
Butane Threshold Limit Value									
Type	Country	TWA/8h		STEL/15min		Remarks /			
		mg/m3	ppm	mg/m3	ppm	Observatio	ns		
	DEU	2400	1000	9600	4000				

Revision nr. 4

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Dated 10/10/2020

Printed on 24/11/2020 Page n. 9/27

MAK	DEU	2400	1000	9600	4000			
'LA	ESP		1000				Gases	
/LEP	FRA	1900	800					
NDS/NDSCh	POL	1900		3000				
WEL	GBR	1450	600	1810	750			
WEL	GBR		4			RESP		
TLV-ACGIH					1000			
Talc Predicted no-effect concentration	on - PNEC							
Normal value in fresh water				597,97	mç	1/1		
Normal value in marine water				141,26	mç			
Normal value for fresh water se	diment			31,33		j/kg/d		
Normal value for marine water				3,13		j/kg/d		
				,		-		
Normal value for water, intermi				597,97	mç			
Normal value for the atmosphe				10	mç	ı/m3		
Health - Derived no-effect	t level - DNEL / I Effects on consumers	JMEL			Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		160 mg/kg bw/d		160 mg/kg		oyotomic		oyotonno
Inhalation	1,8 mg/m3	1,08 mg/m3	1,8 mg/m3	bw/d 1,08 mg/m3	3,6 mg/m3	2,16 mg/m3	3,6 mg/m3	2,16 mg/m3
Skin		, v	2,27 mg/cm2	2,16 mg/kg bw/d			4,54 mg/cm2	43,2 mg/kg bw/d
Isobutane Threshold Limit Value								
Туре	Country	TWA/8h		STEL/15min		Remarks Observat		
		mg/m3	ppm	mg/m3	ppm	Observat	10115	
TLV-ACGIH			800					
Methyl formate								
Threshold Limit Value	<u> </u>	T 14/4/01		0751/46			,	
Туре	Country	TWA/8h		STEL/15min		Remarks Observat		
		mg/m3	ppm	mg/m3	ppm			
TLV-ACGIH		246	100					
Predicted no-effect concentration	on - PNEC							
Normal value in fresh water				115	μg	/I		
Normal value in marine water				11,5	μg	/I		
Health - Derived no-effect	Effects on	DMEL			Effects on			
	consumers Acute local	Acute systemic	Chronic local	Chronic	workers Acute local	Acute	Chronic local	Chronic
Route of exposure				systemic 14,29 mg/m3		systemic VND		systemic
				,_o mg/mo				
Route of exposure Inhalation Skin					VND	VND	NPI	
Inhalation	rs)				VND	VND	NPI	

Revision nr. 4

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Dated 10/10/2020 Printed on 24/11/2020

Page n. 10/27

Туре	Country	TWA/8h		STEL/15min		Remarks Observat		
		mg/m3	ppm	mg/m3	ppm	0030114	.0113	
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		
VLEP	ITA	221	50	442	100	SKIN		
VLE	PRT	221	50	442	100	SKIN		
NDS/NDSCh	POL	100		200		SKIN		
WEL	GBR	220	50	441	100	SKIN		
OEL	EU	221	50	442	100	SKIN		
TLV-ACGIH		434	100	651	150			
Predicted no-effect concentratio	on - PNEC							
Normal value in fresh water				327	μg/	/1		
Normal value in marine water				327	μg/			
Normal value for fresh water se	diment			12,46		/kg/d		
Normal value for marine water s	sediment			12,46		/kg/d		
Normal value of STP microorga				6,58	mg	-		
Normal value for the terrestrial of				2,31	-	/kg/d		
Health - Derived no-effect	•	OMEL		7-				
	Effects on				Effects on workers			
Route of exposure	consumers Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic
				systemic 1,6 mg/kg		systemic		systemic
Oral				1,6 mg/kg bw/d			280 mg/m2	
Oral				1,6 mg/kg bw/d 14,8 mg/m3			289 mg/m3	77 mg/m3
Oral				1,6 mg/kg bw/d			289 mg/m3	
Oral Inhalation Skin				1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg			289 mg/m3	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol				1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg			289 mg/m3	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value	Country	TWA/8h		1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg		systemic	1	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value	Country	TWA/8h mg/m3	ppm	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d		systemic	1	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value Type	Country		ppm 200	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min		systemic	1	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value Type		mg/m3		1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min mg/m3	ppm	systemic Remarks Observal	1	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value Type AGW MAK	DEU	mg/m3 270	200	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min mg/m3 1080	ppm 800	systemic Remarks Observat	1	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value Type AGW MAK VLA	DEU	mg/m3 270 130	200 100	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min mg/m3 1080	ppm 800	systemic Remarks Observat SKIN SKIN	1	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value Type AGW MAK VLA VLA	DEU DEU ESP	mg/m3 270 130 266	200 100 200	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min mg/m3 1080 260	ppm 800 200	systemic Remarks Observat SKIN SKIN SKIN	/ ions	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value Type AGW MAK VLA VLEP VLEP	DEU DEU ESP FRA	mg/m3 270 130 266 260	200 100 200 200	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min mg/m3 1080 260	ppm 800 200	SKIN SKIN SKIN SKIN	/ ions	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value Type AGW MAK VLA VLEP VLEP VLE	DEU DEU ESP FRA ITA	mg/m3 270 130 266 260 260	200 100 200 200 200	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min mg/m3 1080 260	ppm 800 200	SKIN SKIN SKIN SKIN SKIN SKIN	/ ions	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value Type AGW MAK VLA VLEP VLEP VLE NDS/NDSCh	DEU DEU ESP FRA ITA PRT	mg/m3 270 130 266 260 260 260	200 100 200 200 200	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min mg/m3 1080 260 1300	ppm 800 200	Systemic Remarks Observat SKIN SKIN SKIN SKIN SKIN SKIN	/ ions	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value Type AGW MAK VLA VLEP VLEP VLE NDS/NDSCh WEL	DEU DEU ESP FRA ITA PRT POL	mg/m3 270 130 266 260 260 260 260 260	200 100 200 200 200 200 200	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min mg/m3 1080 260 1300 300	ppm 800 200 1000	Systemic Remarks Observat SKIN SKIN SKIN SKIN SKIN SKIN SKIN	/ ions	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value Type AGW MAK VLA VLEP VLEP VLEP VLE NDS/NDSCh WEL OEL	DEU DEU ESP FRA ITA PRT POL GBR	mg/m3 270 130 266 260 260 260 100 266	200 100 200 200 200 200 200	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min mg/m3 1080 260 1300 300	ppm 800 200 1000	Systemic Remarks Observat SKIN SKIN SKIN SKIN SKIN SKIN SKIN	/ ions	77 mg/m3 180 mg/kg
Oral Oral Inhalation Skin Methanol Threshold Limit Value Type AGW MAK VLA VLEP VLEP VLEP VLE NDS/NDSCh WEL OEL TLV-ACGIH	DEU DEU ESP FRA ITA PRT POL GBR EU	mg/m3 270 130 266 260 260 260 100 266 260	200 100 200 200 200 200 200 200 200	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min mg/m3 1080 260 1300 300 333	ppm 800 200 1000 250	systemic Remarks Observat SKIN SKIN SKIN SKIN SKIN SKIN SKIN SKIN	/ ions	77 mg/m3 180 mg/kg
Oral Inhalation Skin Methanol Threshold Limit Value Type AGW MAK VLA VLEP VLEP VLEP VLE NDS/NDSCh WEL OEL TLV-ACGIH Predicted no-effect concentratic Normal value in fresh water	DEU DEU ESP FRA ITA PRT POL GBR EU	mg/m3 270 130 266 260 260 260 100 266 260	200 100 200 200 200 200 200 200 200	1,6 mg/kg bw/d 14,8 mg/m3 108 mg/kg bw/d STEL/15min mg/m3 1080 260 1300 300 333	ppm 800 200 1000 250	systemic Remarks Observat SKIN SKIN SKIN SKIN SKIN SKIN SKIN SKIN	/ ions	77 mg/m3 180 mg/kg

Revision nr. 4

Dated 10/10/2020 Printed on 24/11/2020

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Page n. 11/27

Replaced revision:3 (Dated: 24/07/2020)

Normal value for fresh water s	seaiment			77	mg	g/kg/d		
Normal value for marine wate	r sediment			7,7	mç	g/kg/d		
Normal value for water, intern	nittent release			1,54	g/l			
Normal value of STP microorg	ganisms			100	mç	g/l		
Normal value for the terrestria	I compartment			100	mç	g/kg/d		
Health - Derived no-effect		OMEL						
	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		8 mg/kg bw/d		8 mg/kg bw/d		Systemic		Systemic
Inhalation Skin	50 mg/m3	50 mg/m3 8 mg/kg bw/d	50 mg/m3	50 mg/m3 8 mg/kg bw/d	260 mg/m3	260 mg/m3 40 mg/kg bw/d	260 mg/m3	260 mg/m3 40 mg/kg bw/d
Ethylbenzene								
Threshold Limit Value	Country	TWA/8h		STEL/15min		Remarks		
		mg/m3	ppm	mg/m3	ppm	Observati	ons	
AGW	DEU	88	20	176	40	SKIN		
МАК	DEU	88	20	176	40	SKIN		
VLA	ESP	441	100	884	200	SKIN		
VLEP	FRA	88,4	20	442	100	SKIN		
VLEP	ITA	442	100	884	200	SKIN		
VLE	PRT	442	100	884	200	SKIN		
NDS/NDSCh	POL	200		400		SKIN		
WEL	GBR	441	100	552	125	SKIN		
OEL	EU	442	100	884	200	SKIN		
TLV-ACGIH		87	20					
Predicted no-effect concentra	tion - PNEC							
Normal value in fresh water				100	μg	/I		
Normal value in marine water				55	μg	/I		
Normal value for fresh water s	sediment			13,7	mç	g/kg/d		
Normal value for marine wate	r sediment			1,37	mç	g/kg/d		
Normal value for water, intern	nittent release			55	μg	/I		
Normal value of STP microorg	ganisms			9,6	mç	g/l		
Normal value for the food cha	in (secondary poisor	iing)		20	mç	j/kg		
Normal value for the terrestria	l compartment			2,68	mç	j/kg/d		
Health - Derived no-effe	ct level - DNEL / I Effects on consumers	DMEL			Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute systemic	Chronic local	Chronic
Oral		NPI		systemic 1,6 mg/kg		Systemic		systemic 1,6
Inhalation	NPI	VND	NPI	bw/d 15 mg/m3	293 mg/m3	VND	NPI	77 mg/m3
Skin		NPI		NPI	NPI	NPI	NPI	180 mg/kg bw/d

Ethanol Threshold Limit Value

Revision nr. 4

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Dated 10/10/2020 Printed on 24/11/2020

Page n. 12/27

Туре	Country	TWA/8h		STEL/15min		Remarks Observa		
		mg/m3	ppm	mg/m3	ppm	0000114		
AGW	DEU	380	200	1520	800			
MAK	DEU	380	200	1520	800			
VLA	ESP			1910	1000			
VLEP	FRA	1900	1000	9500	5000			
NDS/NDSCh	POL	1900						
WEL	GBR	1920	1000					
TLV-ACGIH				1884	1000			
Predicted no-effect concentration	on - PNEC							
Normal value in fresh water				960	μg/l			
Normal value in marine water				790	μg/l			
Normal value for fresh water se	diment			3,6	mg/	/kg/d		
Normal value for marine water	sediment			2,9	mg/	/kg/d		
Normal value for water, intermit	ttent release			2,75	mg/	4		
Normal value of STP microorga	anisms			580	mg/	/		
Normal value for the food chain	(secondary poisor	ning)		380	mg/	/kg		
Normal value for the terrestrial	compartment			630	μg/l	kg/d		
Health - Derived no-effect	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
0 1		NPI		87 mg/kg		,		87
Orai								
Inhalation	950 mg/m3	NPI	NPI	bw/d 114 mg/m3	1900 mg/m3	NPI	NPI	950 mg/m3
Inhalation	950 mg/m3 NPI		NPI NPI	bw/d	1900 mg/m3 NPI	NPI NPI	NPI NPI	950 mg/m3 343 mg/kg bw/d
Inhalation Skin Propan-2-ol		NPI		bw/d 114 mg/m3 206 mg/kg				343 mg/kg
Oral Inhalation Skin Propan-2-ol Threshold Limit Value Type		NPI		bw/d 114 mg/m3 206 mg/kg		NPI	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value	NPI	NPI NPI		bw/d 114 mg/m3 206 mg/kg bw/d		NPI	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type	NPI	NPI NPI TWA/8h	NPI	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min	NPI	NPI	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type AGW	NPI Country	NPI NPI TWA/8h mg/m3	NPI ppm	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3	NPI	NPI	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type AGW MAK	NPI Country DEU	NPI NPI TWA/8h mg/m3 500	NPI ppm 200	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3 1000		NPI	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type AGW MAK VLA	NPI Country DEU DEU	NPI NPI TWA/8h mg/m3 500 500	NPI ppm 200 200	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3 1000 1000	NPI ppm 400 400	NPI	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type AGW MAK VLA VLA	NPI Country DEU DEU ESP	NPI NPI TWA/8h mg/m3 500 500	NPI ppm 200 200	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3 1000 1000 1000	NPI ppm 400 400 400	NPI	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value	NPI Country DEU DEU ESP FRA	NPI NPI TWA/8h mg/m3 500 500 500	NPI ppm 200 200	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3 1000 1000 1000 980	NPI ppm 400 400 400	NPI Remarks Observa	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type AGW MAK VLA VLA VLEP NDS/NDSCh WEL	NPI Country DEU DEU ESP FRA POL	NPI NPI TWA/8h mg/m3 500 500 500 500	NPI ppm 200 200 200	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3 1000 1000 1000 980 1200	NPI ppm 400 400 400 400	NPI Remarks Observa	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type AGW MAK VLA VLA VLEP NDS/NDSCh WEL TLV-ACGIH	NPI Country DEU DEU ESP FRA POL GBR	NPI NPI TWA/8h mg/m3 500 500 500 500 900 9999	NPI ppm 200 200 200 200	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3 1000 1000 1000 1000 1000 1250	NPI ppm 400 400 400 400 500	NPI Remarks Observa	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type AGW MAK VLA VLA VLEP NDS/NDSCh WEL TLV-ACGIH Predicted no-effect concentration	NPI Country DEU DEU ESP FRA POL GBR	NPI NPI TWA/8h mg/m3 500 500 500 500 900 9999	NPI ppm 200 200 200 200	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3 1000 1000 1000 1000 1000 1250	NPI ppm 400 400 400 400 500	NPI Remarks Observa SKIN	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type AGW MAK VLA VLA VLEP NDS/NDSCh WEL TLV-ACGIH Predicted no-effect concentration Normal value in fresh water	NPI Country DEU DEU ESP FRA POL GBR	NPI NPI TWA/8h mg/m3 500 500 500 500 900 9999	NPI ppm 200 200 200 200	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3 1000 1000 1000 1000 1000 1250 983	NPI ppm 400 400 400 400 400 400 400 400 400 400 400	NPI Remarks Observa SKIN	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type AGW MAK VLA VLA VLEP NDS/NDSCh WEL TLV-ACGIH Predicted no-effect concentration Normal value in fresh water Normal value in marine water	NPI Country DEU DEU ESP FRA POL GBR	NPI NPI TWA/8h mg/m3 500 500 500 500 900 9999	NPI ppm 200 200 200 200	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3 1000 1000 1000 1000 1000 1250 983 140,9	NPI ppm 400 400 400 400 500 400 mg, mg,	NPI Remarks Observa SKIN	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type AGW MAK VLA VLEP NDS/NDSCh WEL TLV-ACGIH Predicted no-effect concentration Normal value in fresh water Normal value in marine water Normal value for fresh water se	NPI Country DEU DEU ESP FRA POL GBR on - PNEC	NPI NPI TWA/8h mg/m3 500 500 500 500 900 9999	NPI ppm 200 200 200 200	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3 1000 1000 1000 1000 1000 1250 983 1250 983	NPI ppm 400 400 400 400 400 400 0 0 0 0 0 0 0 0 0 0 0 0	NPI Remarks Observa SKIN /I /I /I /kg/d	NPI	343 mg/kg
Inhalation Skin Propan-2-ol Threshold Limit Value Type AGW MAK VLA VLA VLEP NDS/NDSCh	NPI Country DEU DEU ESP FRA POL GBR on - PNEC	NPI NPI TWA/8h mg/m3 500 500 500 500 900 9999	NPI ppm 200 200 200 200	bw/d 114 mg/m3 206 mg/kg bw/d STEL/15min mg/m3 1000 1000 1000 1000 1000 1000 1250 983 140,9 140,9 552	NPI ppm 400 400 400 400 400 400 0 0 0 0 0 0 0 0 0 0 0 0	NPI Remarks Observa SKIN // // // // // kg/d	NPI	343 mg/kg

Revision nr. 4 Dated 10/10/2020

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Printed on 24/11/2020

Page n. 13/27

Replaced revision:3 (Dated: 24/07/2020)

	chain (secondary poison	iing)		160	mg	/kg		
Normal value for the terres	trial compartment			28	mg	J/kg/d		
Health - Derived no-ef		DMEL						
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral	VND	VND	VND	26 mg/kg bw/d	VND	VND	VND	VND
Inhalation	VND	VND	VND	89 mg/m3	VND	VND	VND	500 mg/m3
Skin	VND	VND	VND	319 mg/kg bw/d	VND	VND	VND	888 mg/kg
Quartz								
Threshold Limit Value Type	Country	TWA/8h		STEL/15min		Remarks Observat		
		mg/m3	ppm	mg/m3	ppm	Observat	10115	
VLA	ESP		0,05			RESP		
VLEP	FRA	0,1				RESP		
VLEP	ITA	0,1				RESP		
NDS/NDSCh	POL	0,1				RESP		
OEL	EU	0,1				RESP		
TLV-ACGIH		0,025						
egend:								
	_ = Inhalable Fractior	ו ; RESP = Res	pirable Fraction	; THORA =	Thoracic Frac	tion.		
C) = CEILING ; INHAL								
x) = CEILING ; INHAL		available ; NEA	= no exposure	expected ; N	PI = no hazar	d identified.		
ND = hazard identified b	out no DNEL/PNEC a	available ; NEA	= no exposure	expected ; N	PI = no hazar	d identified.		
	but no DNEL/PNEC a s technical equipment piration. protective equipmen	must always take t, ask your chemid	e priority over p	ersonal protec	tive equipmer		that the workpla	ace is well

HAND PROTECTION None required.

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.

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.

Revision nr. 4

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Dated 10/10/2020

Printed on 24/11/2020 Page n. 14/27

Replaced revision:3 (Dated: 24/07/2020)

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

Appearance	aerosol
Colour	white
Odour	characteristic of solvent
Odour threshold	Not available
рН	Not available
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	< 0 °C
Evaporation Rate	Not available
Flammability of solids and gases	flammable gas
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	0,88 g/ml a 20°C
Solubility	insoluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	not applicable
Oxidising properties	not applicable

9.2. Other information

VOC (Directive 2004/42/EC) :

72,81 % - 638,19 g/litre

SECTION 10. Stability and reactivity

10.1. Reactivity

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

N-butyl acetate

Decomposes on contact with: water.

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4

Dated 10/10/2020

Printed on 24/11/2020 Page n. 15/27

Replaced revision:3 (Dated: 24/07/2020)

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.

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.

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.

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.

Ethylbenzene

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

10.4. Conditions to avoid

Avoid overheating.

N-butyl acetate

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

Acetone

Avoid exposure to: sources of heat, naked flames.

10.5. Incompatible materials

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

N-butyl acetate

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

Acetone

Incompatible with: acids,oxidising substances.

10.6. Hazardous decomposition products

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4

Dated 10/10/2020

Printed on 24/11/2020 Page n. 16/27

Replaced revision:3 (Dated: 24/07/2020)

Acetone

May develop: ketenes, irritant substances.

Ethylbenzene

May develop: methane,styrene,hydrogen,ethane.

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 toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

N-butyl acetate

WORKERS: inhalation; contact with the skin.

Xylene (mixture of isomers)

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

Methanol

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

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.

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4

Dated 10/10/2020

Printed on 24/11/2020 Page n. 17/27

Replaced revision:3 (Dated: 24/07/2020)

Methanol

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

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 (Ispesl). 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) of the mixture: > 20 mg/l ATE (Oral) of the mixture: >2000 mg/kg ATE (Dermal) of the mixture: >2000 mg/kg

Xylene (mixture of isomers)

LD50 (Oral) > 3000 mg/kg rat

LD50 (Dermal) > 1700 mg/kg rabbit

LC50 (Inhalation) 5000 ppm/4h rat

Titanium dioxide

LD50 (Oral) > 10000 mg/kg Rat

LC50 (Inhalation) 5,12 mg/l/4h rat

Butane

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4

Dated 10/10/2020 Printed on 24/11/2020

Page n. 18/27

Replaced revision:3 (Dated: 24/07/2020)

LC50 (Inhalation) > 1442,738 mg/l/15min rat

Propane

LC50 (Inhalation) 800000 ppm 15 min

Ethylbenzene

LD50 (Oral) 3500 mg/kg Rat

LD50 (Dermal) 15354 mg/kg Rabbit

LC50 (Inhalation) 17,2 mg/l/4h Rat

Methanol

LD50 (Oral) 1978 mg/kg bw rat

LC50 (Inhalation) 123,3 mg/l/4h rat

Acetone

LD50 (Oral) 5800 mg/kg bw

LD50 (Dermal) 7426 mg/kg bw guinea pig

LC50 (Inhalation) > 20 mg/l/4h air

Methyl acetate

LD50 (Oral) 6482 mg/kg rat

LD50 (Dermal) 2000 mg/kg bw rat

LC50 (Inhalation) 49,2 mg/l/4h rabbit

N-butyl acetate

LD50 (Oral) > 10000 mg/kg Rat

LD50 (Dermal) > 5000 mg/kg rabbit

LC50 (Inhalation) 0,74 mg/l/4h Rat

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4

Dated 10/10/2020 Printed on 24/11/2020

Page n. 19/27

Replaced revision:3 (Dated: 24/07/2020)

Isobutane

LC50 (Inhalation) > 1442,738 mg/l/15min rat

SKIN CORROSION / IRRITATION

Repeated exposure may cause skin dryness or cracking.

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

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

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

SECTION 12. Ecological information

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4

Dated 10/10/2020

Printed on 24/11/2020 Page n. 20/27

Replaced revision:3 (Dated: 24/07/2020)

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

Xylene (mixture of isomers)	
LC50 - for Fish	2,6 mg/l/96h
EC50 - for Algae / Aquatic Plants	4,6 mg/l/72h
EC10 for Crustacea	1,9 mg/l/21d
Chronic NOEC for Fish	1,3 mg/l 56 days
Chronic NOEC for Crustacea	960 μg/l 7 days
Chronic NOEC for Algae / Aquatic Plants	440 μg/l 73 h
Titanium dioxide	
EC50 - for Crustacea	26,45 mg/l/48h
EC50 - for Algae / Aquatic Plants	100 mg/l/72h
Chronic NOEC for Fish	985 μg/l 14 days
Chronic NOEC for Crustacea	2,35 mg/l 21 days
Chronic NOEC for Algae / Aquatic Plants	1 mg/l 32 days
Butane	
LC50 - for Fish	> 24,11 mg/l/96h
Propane	
LC50 - for Fish	85,82 mg/l/96h
EC50 - for Crustacea	41,82 mg/l/48h
Ethylbenzene	4.05 ///001
LC50 - for Fish	4,65 mg/l/96h
EC50 - for Crustacea	2,1 mg/l/48h
EC50 - for Algae / Aquatic Plants	5,15 mg/l/72h
Chronic NOEC for Fish	3,3 mg/l 4 days
Chronic NOEC for Crustacea	960 μg/l 7 days
Chronic NOEC for Algae / Aquatic Plants	3,95 mg/l 4 days
Methanol	
LC50 - for Fish	15,4 g/l/96h
Chronic NOEC for Fish	446,7 mg/l 28 days
Chronic NOEC for Crustacea	208 mg/l 21 days
	200 mg/121 days
Acetone	
LC50 - for Fish	6,83 g/l
EC50 - for Crustacea	8,8 g/l/48h
Chronic NOEC for Crustacea	1,659 g/l 28 days
	, , , , , , , , , , , , , , , , , , , ,

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4

Dated 10/10/2020

Printed on 24/11/2020 Page n. 21/27

Methyl acetate	
LC50 - for Fish	300 mg/l/96h
EC50 - for Crustacea	1,027 g/l
EC50 - for Algae / Aquatic Plants	120 mg/l/72h
Chronic NOEC for Algae / Aquatic Plants	120 mg/l 72 h
N-butyl acetate	
LC50 - for Fish	18 mg/l/96h
EC50 - for Crustacea	32 mg/l/48h
EC50 - for Algae / Aquatic Plants	246 mg/l/72h
Chronic NOEC for Crustacea	23,2 mg/l 21 days
Chronic NOEC for Algae / Aquatic Plants	105 mg/l 72 h
Isobutane	
LC50 - for Fish	> 24,11 mg/l/96h
12.2. Persistence and degradability	
Propane Global Warming Potential (GWP): 3. Ozone Depletic	Pro Potontial (ODP): 0
Xylene (mixture of isomers)	
Solubility in water	146 - 208 mg/L @ 25 °C and pH 7 mg/l
Rapidly degradable	
Titanium dioxide	
Solubility in water	< 0,001 mg/l
Degradability: information not available	
Butane	
Solubility in water	0,1 - 100 mg/l
Rapidly degradable	
Propane	
Solubility in water	0,1 - 100 mg/l
Rapidly degradable	
Ethylbenzene	
Solubility in water	1000 - 10000 mg/l
Rapidly degradable	
Methanol	
Solubility in water	1000 - 10000 mg/l
Rapidly degradable	
Acetone	

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4 Dated 10/10/2020

Printed on 24/11/2020

Page n. 22/27

Rapidly degradable		
Methyl acetate		
Solubility in water	243500 mg/l	
Rapidly degradable		
N-butyl acetate		
Solubility in water	5,3 g/l	
Rapidly degradable		
Isobutane		
Rapidly degradable 2.3. Bioaccumulative potential		
2.5. Dioaccumulative potential		
Xylene (mixture of isomers)		
Partition coefficient: n-octanol/water	3,12	
BCF	25,9	
Butane		
Partition coefficient: n-octanol/water	1,09	
Propane		
Partition coefficient: n-octanol/water	1,09	
Ethylbenzene		
Partition coefficient: n-octanol/water	3,6	
Methanol		
Partition coefficient: n-octanol/water	-0,77	
BCF	0,2	
Acetone		
Partition coefficient: n-octanol/water	-0,23	
BCF	3	
Methyl acetate		
Partition coefficient: n-octanol/water	0,18	
N-butyl acetate		
Partition coefficient: n-octanol/water	2,3	
BCF	15,3	
2.4. Mobility in soil		
Xylene (mixture of isomers)		

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4

Dated 10/10/2020

Printed on 24/11/2020 Page n. 23/27

Replaced revision:3 (Dated: 24/07/2020)

Methyl acetate Partition coefficient: soil/water	0,18
N-butyl acetate Partition coefficient: soil/water	< 3

12.5. Results of PBT and vPvB assessment

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

12.6. 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.

Product residues are considered hazardous special waste. Do not dispose of in wastewater.

Empty cylinders, although completely emptied, should not be dispersed in the environment.

The overheated aerosol container at a temperature above 50 °C may burst even if it contains a small gas residue.

Waste transport may be subject to ADR.

Refer to applicable regulations.

European Waste Catalog (contaminated containers):

Aerosol as a household waste is excluded from the application of the above standard.

The exhausted commercial / industrial aerosol can be classified as: 15.01.10 *: packaging containing residues of dangerous or contaminated substances.

SECTION 14. Transport information

14.1. UN number

ADR / RID, IMDG, 1950 IATA:

14.2. UN proper shipping name

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

14.3. Transport hazard class(es)

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Label: 2.1

Label: 2.1

Revision nr. 4 Dated 10/10/2020 Printed on 24/11/2020

Page n. 24/27 Replaced revision:3 (Dated: 24/07/2020)

ADR /	RID:	

IMDG:		

IATA:

Class: 2 Label: 2.1

Class: 2

Class: 2



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	
IATA:	Cargo:	Maximum quantity: 150 Kg	Packaging instructions: 203
	Pass.:	Maximum quantity: 75 Kg	Packaging instructions: 203
	Special Instructions:	A145, A167, A802	200

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Information not relevant

SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EC: P3a

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

Product Point

40

Contained substance

AMBRO-SOL S.R.L.			Revision nr. 4
			Dated 10/10/2020 Printed on 24/11/2020
V500COP	RI/ISA - SPRAYS - CI	JBREMANCHAS 500 ml ISAVAL	Page n. 25/27
			Replaced revision:3 (Dated: 24/07/2020)
Point	69	Methanol Reg. no.:	
		01-2119433307-44- XXXX	
Substances in Candidate	e List (Art. 59 REACH)		
On the basis of available	data, the product does not conta	in any SVHC in percentage ≥ than 0,1%.	
Substances subject to at	uthorisation (Annex XIV REACH)		
None			
Substances subject to ex	portation reporting pursuant to (E	EC) Reg. 649/2012:	
None			
Substances subject to th	e Rotterdam Convention:		
None			
Substances subject to th	e Stockholm Convention:		
None			
Healthcare controls			
	chemical agent must not underg ty are modest and that the 98/24/	o health checks, provided that available risk-assessmen EC directive is respected.	t data prove that the risks related to the
VOC (Directive 2004/42/	<u>EC) :</u>		
Special finishes.			
15.2. Chemical safety	assessment		
A chemical safety asses	sment has not been performed fo	r the preparation/for the substances indicated in section	3.
SECTION 16. Of	ther 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
Flam. Liq. 3	Flammable liquid, category 3
Press. Gas	Pressurised gas
Press. Gas (Liq.)	Liquefied gas
Acute Tox. 3	Acute toxicity, category 3
STOT SE 1	Specific target organ toxicity - single exposure, category 1

Revision nr. 4

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Dated 10/10/2020

Printed on 24/11/2020 Page n. 26/27

Replaced revision:3 (Dated: 24/07/2020)

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	
H220	Extremely flammable gas.	
H222	Extremely flammable aerosol.	
H229	Pressurised container: may burst if heated.	
H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H280	Contains gas under pressure; may burst if heated.	
H301	Toxic if swallowed.	
H311	Toxic in contact with skin.	
H331	Toxic if inhaled.	
H370	Causes damage to organs.	
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.	
H336	May cause drowsiness or dizziness.	
EUH066	Repeated exposure may cause skin dryness or cracking.	
 CAS NUMBER: Chem CE50: Effective conce CE NUMBER: Identifie CLP: EC Regulation 1 DNEL: Derived No Effe EmS: Emergency Sch GHS: Globally Harmor IATA DGR: Internation IC50: Immobilization C IMDG: International Mar INDEX NUMBER: Ider LC50: Lethal Concentt LD50: Lethal dose 509 OEL: Occupational Ex 	ect Level edule nized System of classification and labeling of chemicals nal Air Transport Association Dangerous Goods Regulation Concentration 50% aritime Code for dangerous goods ritime Organization ntifier in Annex VI of CLP ration 50%	
 PEC: Predicted enviro PEL: Predicted exposition PNEC: Predicted no e REACH: EC Regulation RID: Regulation concertion 	ure level ffect concentration	

- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.

- TWA STEL: Short-term exposure limit TWA: Time-weighted average exposure limit

- VOC: Volatile organic Compounds
 vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
 WGK: Water hazard classes (German).

V500COPRI/ISA - SPRAYS - CUBREMANCHAS 500 ml ISAVAL

Revision nr. 4

Dated 10/10/2020

Printed on 24/11/2020 Page n. 27/27 Replaced revision:3 (Dated: 24/07/2020)

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) 790/2009 (I Atp. CLP) of the European Parliament
- 4. Regulation (EU) 2015/830 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) 2018/1480 (XIII Atp. CLP)
- 16. Regulation (EU) 2019/521 (XII 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.