SCHEDA DI DATI DI SICUREZZA
secondo il Regolamento (CE) Num. 1907/2006 (REACH)

SARATOGA SVERNICIATORE SUPERATTIVO cod.54292001 Versione: 1/ IT

	0		
SECTION 1. Identification of the sub	stance/mixture and of	the company/undertaking	1
		the company/undertaking	•
1.1. Product identifier.			
Code:	54292001		
Product name.	SARATOGA SVERNICIATOR	LE SUPERATTIVO	
1.2. Relevant identified uses of the substance or n			
Intended use.	UNIVERSAL PAINT STRIP R	EMOVER GEL	
Identified Lines	Industrial	Drefessional	Consumer
Identified Uses GENERAL USE	Industrial.	Professional.	Consumer.
	-	-	×
INDUSTRIAL MAINTENANCE	×	¥	-
1.3. Details of the supplier of the safety data sheet Name.	:. SARATOGA INT. SFORZA SI	P۸	
Full address.	VIA EDISON 76		
District and Country.	20090 TREZZANO S/NAVIGL	.IO (MI)	
	ITALY		
	Tel. 0039.02.445731		
	Fax. 0039.02.4452742		
e-mail address of the competent person.			
responsible for the Safety Data Sheet.	trading@saratogasforza.com	n	
		-	
1.4. Emergency telephone number.			
CAV - Ospedale Pediatrico "Bambino Gesù" - Ro	ma - Tel. +39 06 68593726 ((h24)	
CAV - Azienda Ospedaliero-Universitaria Foggia	- Foggia - Tel. +39 0881 732	.326 (h24)	
CAV - Azienda Ospedaliera "A. Cardarelli" - Napo		24)	
CAV - Policlinico "Umberto I" - Roma - Tel. +39 0			
CAV - Policlinico "A. Gemelli" - Roma - Tel. +39 0 CAV - Azienda Ospedaliera "Careggi" U.O. Tossi		al +30 055 70/7810(b2/)	
CAV - Centro Nazionale di Informazione Tossicol			
CAV - Ospedale "Niguarda Ca' Granda" - Milano			
CAV - Azienda Ospedaliera "Papa Giovanni XXIII			
SECTION 2. Hazards identification.			
2.1. Classification of the substance or mixture.			
The product is classified as hazardous pursuant to the	he provisions set forth in FC I	Regulation 1272/2008 (CLP) (and sub	bsequent amendments an
supplements). The product thus requires a safety datas			
Any additional information concerning the risks for healt			
Hazard classification and indication:	11000	Extremely flowmable correct	

Aerosol, category 1	H222	Extremely flammable aerosol.
	H229	Pressurised container: may burst if heated.
Eye irritation, category 2	H319	Causes serious eye irritation.

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Specific target organ toxicity - single	exposure, category 3 H336 May	cause drowsiness or dizziness.

2.2. Label elements.

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

Hazard pictograms:



Signal words:

Danger

Hazard statements:

H222	Extremely flammable aerosol.
H229	Pressurised container: may burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary statements:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurised container: do not pierce or burn, even after use.
P261	Avoid breathing spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50°C / 122°F.
P501	Dispose of contents / container to authorized collection centers.
Contains:	2-PROPANONE

2.3. Other hazards.

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

SECTION 3. Composition/information on ingredients.

3.2. Mixtures.

Contains:

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

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Identification.		Classification 1272/2008 (CLP).
DIMETHYLETHER		
CAS. 115-10-6	$30 \le x \le 50$	Flam. Gas 1 H220, Note P
EC. 204-065-8	00 - / 00	
INDEX. 603-019-00-8		
Reg. no. 01-2119472128-37-xxxx		
METHYLAL		
CAS. 109-87-5	15 ≤ x < 30	Flam. Liq. 2 H225
EC. 203-714-2		
INDEX		
ACETON		
CAS. 67-64-1	20 ≤ x < 30	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		
1,3-DIOXOLANE		
CAS. 646-06-0	10 ≤ x < 15	Flam. Liq. 2 H225, Eye Irrit. 2 H319, Note P
EC. 211-463-5		
INDEX. 605-017-00-2		
Reg. no. 01-2119490744-29-0001		
ETHANOL		
CAS. 64-17-5	5≤x< 15	Flam. Liq. 2 H225
EC. 200-578-6		
INDEX. 603-002-00-5		
Reg. no. 01-2119457290-43		
XYLENE (MIXTURE OF ISOMERS)		
CAS. 1330-20-7	1≤x< 5	Flam. Liq. 3 H226, Acute Tox. 4 H312, Acute Tox. 4 H332, Skin Irrit. 2 H315, Note C
EC. 215-535-7		
INDEX. 601-022-00-9		
Reg. no. 01-2119488216-32		

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: 35,60 %

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. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown. For symptoms and effects caused by the contained substances, see chap. 11.

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.

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.

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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.

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.

Storage class TRGS 510 (Germany): 2B

7.3. Specific end use(s).

Information not available.

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Regulatory References:

DEU	Deutschland	MAK-und BAT-Werte-Liste 2012
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en España 2015
FRA	France	JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GBR	United Kingdom	EH40/2005 Workplace exposure limits
GRC	Ελλάδα	ΕΦΗΜΕΡΙΣ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ -ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 19 - 9 Φεβρουαρίου 2012
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 - Diaro da Republica I 26; 2012-02-06
EU	OEL EU TLV-ACGIH	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC. ACGIH 2016

METHYLAL Threshold Limit Value.

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Туре	Country	TWA/8h		STEL/15min		
rype	Country	mg/m3	ppm	mg/m3	ppm	
AGW	DEU	3200	1000	6400	2000	
MAK	DEU	3200	1000	6400	2000	
VLA	ESP	3165	1000	0400	2000	
	FRA					
VLEP		3100	1000	0050	1050	
WEL	GBR	3160	1000	3950	1250	
TLV-ACGIH		3112	1000			
ACETON						
Threshold Limit Value. Type	Country	TWA/8h		STEL/15min		
1,900	Country	mg/m3	ppm	mg/m3	ppm	
AGW	DEU	1200	500	2400	1000	
MAK	DEU	1200	500	2400	1000	
				2400	1000	
VLA	ESP	1210	500			
VLEP	FRA	1210	500	2420	1000	
WEL	GBR	1210	500	3620	1500	
TLV	GRC	1780		3560		
VLEP	ITA	1210	500			
VLE	PRT	1210	500			
OEL	EU	1210	500			
TLV-ACGIH		1187	500	1781	750	
ETHANOL						
Threshold Limit Value.						
Туре	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	960	500	1920	1000	
MAK	DEU	960	500	1920	1000	
VLA	ESP			1910	1000	
VLEP	FRA	1900	1000	9500	5000	
WEL	GBR	1920	1000			
TLV	GRC	1900	1000			
TLV-ACGIH				1884	1000	
XYLENE (MIXTURE OF IS	OMERS					
Threshold Limit Value.						
Туре	Country	TWA/8h		STEL/15min		
		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.
WEL	GBR	220	50	441	100	
TLV	GRC	435	100	650	150	
VLEP	ITA	221	50	442	100	SKIN.

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		224			100	0//11	
VLE	PRT	221	50	442	100	SKIN.	
OEL	EU	221	50	442	100	SKIN.	
TLV-ACGIH		434	100	651	150		

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. 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 I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC 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.

Appearance Colour Odour Odour threshold. pH. Melting point / freezing point. Initial boiling point. Boiling range. Flash point. Evaporation Rate Flammability of solids and gases Lower inflammability limit. Upper inflammability limit. Lower explosive limit. Upper explosive limit. Vapour pressure. Vapour density	aerosol yellowish characteristic of solvent Not available. < -2 °C. Not available. Not available. Not available. Not available. flammable gas Not applicable. Not applicable. Not applicable. Not applicable. Not available. < 1 (Aria =!)
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Relative density. Not available. partially soluble in water Solubility Partition coefficient: n-octanol/water Not available. Auto-ignition temperature. > 270 °C. Decomposition temperature. Not available. Viscosity > 22 sec. TF4 a 15°C Explosive properties not applicable not applicable Oxidising properties 9.2. Other information.

 Total solids (250°C / 482°F)
 0,42 %

 VOC (Directive 2010/75/EC) :
 88,90 %

 VOC (volatile carbon) :
 0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

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

ACETONE Decomposes under the effect of heat.

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.

ETHANOL

Risk of explosion on contact with: alkaline metals, alkaline oxides, calcium hypochlorite, sulphur monofluoride, acetic anhydride, acids, concentrated hydrogen peroxide, perchlorates, perchloric acid, perchloronitrile, mercury nitrate, nitric acid, silver, silver nitrate, ammonia, silver oxide, ammonia, strong oxidising agents, nitrogen dioxide. May react dangerously with: bromoacetylene, chlorine acetylene, bromine trifluoride, chromium trioxide, chromyl chloride, fluorine, potassium tert-butoxide, lithium hydride, phosphorus trioxide, black platinum, zirconium (IV) chloride, zirconium (IV) iodide. 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.

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10.4. Conditions to avoid.

Avoid overheating.

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

ETHANOL Avoid exposure to: 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.

10.6. Hazardous decomposition products.

ACETONE May develop: ketenes,irritant substances.

SECTION 11. Toxicological information.

11.1. Information on toxicological effects.

XYLENE (MIXTURE OF ISOMERS)Has a toxic effect on the CNS (encephalopathies). Irritating to the skin, conjunctivae, cornea and respiratory apparatus.

ACUTE TOXICITY.

LC50 (Inhalation - vapours) of the mixture:> 20 mg/l LC50 (Inhalation - mists / powders) of the mixture:Not classified (no significant component). LD50 (Oral) of the mixture:Not classified (no significant component). LD50 (Dermal) of the mixture:>2000 mg/kg

Dimethylether LC50 (Inhalation).> 309018 mg/m3

1,3-Dioxolane LD50 (Oral).> 2000 mg/kg LD50 (Dermal).> 15000 mg/kg LC50 (Inhalation).> 68,4 mg/kg

XYLENE (MIXTURE OF ISOMERS) LD50 (Oral).3523 mg/kg Rat

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LD50 (Dermal).4350 mg/kg Rabbit LC50 (Inhalation).26 mg/l/4h Rat

METHYLAL LD50 (Oral).6453 mg/kg Rat - Wistar LD50 (Dermal).> 5000 mg/kg Rabbit - New Zeland white LC50 (Inhalation).57 mg/l Mouse - Swiss

ETHANOL

LD50 (Oral).> 5000 mg/kg Rat LC50 (Inhalation).120 mg/l/4h Pimephales promelas

SKIN CORROSION / IRRITATION. Does not meet the classification criteria for this hazard class. SERIOUS EYE DAMAGE / IRRITATION. Causes serious eye irritation. RESPIRATORY ÓR SKIN SENSITISATION. Does not meet the classification criteria for this hazard class. GERM CELL MUTAGENICITY. Does not meet the classification criteria for this hazard class. CARCINOGENICITY. Does not meet the classification criteria for this hazard class. REPRODUCTIVE TOXICITY. Does not meet the classification criteria for this hazard class. STOT - SINGLE EXPOSURE. 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.

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.	
Dimethylether	
LC50 - for Fish.	> 4001 mg/l/96h
1,3-Dioxolane	
LC50 - for Fish.	> 100 mg/l/96h
EC50 - for Crustacea.	> 772 mg/l/48h
METHYLAL	
LC50 - for Fish.	> 1000 mg/l/96h Danio rerio
EC50 - for Crustacea.	> 1000 mg/l/48h Daphnia magna
ACETON	
LC50 - for Fish.	4144 mg/l/96h Pesce
EC50 - for Crustacea.	1680 mg/l/48h Daphnia

12.2. Persistence and degradability.

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80 % OECD 301B FACILMENTE BIO	DEGRADABILE (rif. Dimetossimetano).	
Dimethylether		
ntirely biodegradable.		
XYLENE (MIXTURE OF SOMERS)	100 1000 mg/	
Solubility in water. iodegradability: Information not availab	100 - 1000 mg/l le	
	IG.	
METHYLAL		
Solubility in water.	> 10000 mg/l	
IOT rapidly biodegradable.		
ETHANOL		
Solubility in water.	1000 - 10000 mg/l	
apidly biodegradable.		
ACETON		
apidly biodegradable.		
12.3. Bioaccumulative potential.		
ato non disponibile.		
XYLENE (MIXTURE OF ISOMERS)		
Partition coefficient: n-	3,12	
octanol/water. BCF.	25,9	
METHYLAL Partition coefficient: n-	0,18	
BCF.	0,6	
	, , ,	
ETHANOL		
Partition coefficient: n- octanol/water.	-0,35	
ACETON		
Partition coefficient: n-	-0,23	
octanol/water. BCF.	3	
12.4. Mobility in soil.		

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Dato non disponibile.

XYLENE (MIXTURE OF ISOMERS) Partition coefficient: 2,73 soil/water.

12.5. Results of PBT and vPvB assessment.

Non applicabile.

12.6. Other adverse effects.

Non sono disponibili altre informazioni.

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.

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).

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



14.4. Packing group.

ADR / RID, IMDG, IATA:

				· · · · · · · · · · · · · · · · · · ·
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14.5. Environmen	tal hazards.			
ADR / RID:	NO			
IMDG:	NO			
IATA:	NO			
14.6. Special prec	autions 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: 100 Kg	Packaging instructions: 130
		Pass.:	Maximum quantity: 25 Kg	Packaging instructions: 130
		Special Instructions:	A802	
14.7. Transport in	bulk according to	Annex II of Marpol and the IBC Cod	e.	
nformation not rele	evant.			
SECTION 1	5. Regulatory	information.		
	<u> </u>			
15.1. Safety, hea	alth and environme	ental regulations/legislation specific	for the substance or mixture.	
Seveso Category -	Directive 2012/18/I	EC: P3a		
Restrictions relating	g to the product or o	contained substances pursuant to Anne	ex XVII to EC Regulation 1907/2006.	
Product				
<u>Product.</u> Point.		40		
Substances in Can	didate List (Art. 59	REACH).		
On the basis of ava	ailable data, the pro	duct does not contain any SVHC in per	rcentage greater than 0,1%.	
Substances subjec	t to authorisarion (A	Annex XIV REACH).		
None.				
Substances subjec	t to exportation rep	orting pursuant to (EC) Reg. 649/2012:		
None.				
Substances subjec	t to the Rotterdam	Convention:		
None.				
Substances subjec	t to the Stockholm	Convention:		
None.				

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Healthcare controls.

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

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

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

Flam. Gas 1	Flammable gas, category 1
Aerosol 1	Aerosol, category 1
Aerosol 3	Aerosol, category 3
Flam. Liq. 2	Flammable liquid, category 2
Flam. Liq. 3	Flammable liquid, category 3
Acute Tox. 4	Acute toxicity, category 4
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.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road

- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%

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LD50: Lethal dose 50%

OEL: Occupational Exposure Level

PBT: Persistent bioaccumulative and toxic as REACH Regulation

- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA 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).

GENERAL BIBLIOGRAPHY

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- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
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- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EÚ) 2015/1221 (VII Atp. CLP) of the European Parliament
- 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
- ECHA website

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.

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