	ITALIA SRL E MEDIO PLA	Revision nr. 9 Dated 01.06.2015 Printed on 01.06.2015 Page n. 1/13		
1.1. Product identifier Product name	DILUENTE MEDIO PLA			
1.2. Relevant identified uses of the substance or m Intended use Pad printing thinner.	ixture and uses advised against			
1.3. Details of the supplier of the safety data sheet Name Full address District and Country	COMEC ITALIA SRL PIAZZALE DEL LAVORO 149 21044 CAVARIA VA ITALIA Tel. 0331 219516 Fax 0331 216161			
e-mail address of the competent person responsible for the Safety Data Sheet Product distribution by	info@comec-italia.it EDGARDO BAGGINI			
1.4. Emergency telephone number For urgent inquiries refer to	+39 0331 219516			
SECTION 2. Hazards identification.				

2.1. Classification of the substance or mixture.

The product is classified as haz ardous pursuant to the provisio ns set forth in EC Regulation 1272/2008 (C LP) (and subsequent am endments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication:

Flam. Liq. 3	H226
Asp. Tox. 1	H304
STOT SE 3	H335
STOT SE 3	H336
Aquatic Chronic 2	H411

2.1.2. 67/548/EEC and 1999/45/EC Directives and following amendments and adjustments. Danger Symbols:

Xn-N R phrases: 10-20-37-51/53-65-66

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

2.2. Label elements.

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

SECTION 3. Composition/information on ingredients. 3.1. Substances. nformation not relevant. 3.2. Mixtures. Contains: Identification. Aromatic hydrocarbons, C9 CAS. 64742-95-6 Starse Starse Starse R10, R66, R67, Xn R65, Xi R37, N Flam. Lig. 3 H226, Asp. Tox. 1 H304, ST		CON	IEC ITALIA SF	<u></u>	Revision nr. 9
Accord pictograms: Image: Discord pictor Image: Discord pictor Accord pictograms: Image: Discord pictor Image: Discord pictor Signal words: Danger Accord statements: Image: Discord pictor H225 Flammable liquid and vapour. H336 May be fatal if wavlowed and enters airways. H336 May be fatal if wavlowed and enters airways. H336 May cause resprictor function. H336 May cause resprictor function. H336 May cause resprictor function. H337 Container is firth long lasting effects. EUHo66 Repeated exposure may cause skin dryness or cracking. P230 Keep away from heat / sparks / open fames / hot surfaces. No smoking. P331 Keep container is firth valoed. P341 Containers P341 In case of fire: Use CO2, chemical power for extinction. P341+P330 If = INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P341+P331 In case of fire: Use CO2, chemical power for extinction. P341+P331 In case of fire: Use CO2, chemical power for extinction. S1. Other hazards. In case of fire: Use CO2, chemical power for extin					Dated 01.06.2015
Iterard pictograms: Iterard pictograms: Iterard pictograms: Iterard pictograms: Iterard pictograms: Iterard pictograms: Signal words: Danger Iterard statements: Iterard statements: H225 Flammable liquid and vapour. H336 May be fatal if swallowed and enters airways. H336 May cause respiratory intetion. H336 May cause drowsiness or dizzines. EVH066 Repeated exposure may cause skin drynkess or cracking. P203 Keep away from heat / sparks / open flames / hot surfaces. No smoking. P233 Keep away from heat / sparks / open flames / hot surfaces. No smoking. P349 If INHALED. Remove victim to fresh air and keep at rest in a postion comfortable for breathing. P349+P340 If INHALED. Remove victim to fresh air and keep at rest in a postion comfortable for breathing. P349+P340 If INHALED. Remove victim to fresh air and keep at rest in a postion comfortable for breathing. P349+P340 If INHALED. Remove victim to fresh air and keep at rest in a postion comfortable for breathing. P349+P340		DILU	ENTE MEDIO P	LA	Printed on 01.06.2015
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H411 EUH066 Toxic to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking. recautionary statements: Repeated exposure may cause skin dryness or cracking. P210 Keep away from heat / sparks / open flames / hot surfaces. No smoking. Keep container tightly closed. P233 Keep container tightly closed. Wear protective gloves / protective clothing / eye protection / face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician. P304+P340 Protective gloves / protective clothing / eye protection. P304+P340 IF INHALED. Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of fire: Use CO2, chemical powder for extinction. Contains: Aromatic hydrocarbons, C9 2.3. Other hazards. SECTION 3. Composition/information on ingredients. 3.1. Substances. Conc. %. Classification 67/548/EEC. Classification 1272/2008 (CL H305, NOTE P dentification. Aromatic hydrocarbons, C9 35 - 37,5 R10, R66, R67, Xn R65, XI R37, N R51/53, Note P Fam. Ling 3 H226, Asp. Tor. 1 H304, ST H335, Aquatic Chroni	Signal words: azard statements: H226 H304 H335	Flammable liquid an May be fatal if swall May cause respirato	owed and enters airway bry irritation.	S .	
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EC. 918-668-5			30 01,0		H335, STOT SE 3 H336, Aquatic Chronic 2 H411,
INDEX. 649-356-00-4	INDEX. 649-356-00-				
Reg. no. 01-2119486773-35-xxxx		3773-35-xxxx			
CYCLOHEXANONE	Reg. no. 01-211948				
CAS. 108-94-1 32,5 - 35 R10, Xn R20 Flam. Liq. 3 H226, Acute Tox. 4 H332	-			R10 Xn R20	Flow Lie 211226 Apute Tex 411222
EC. 203-631-1	CYCLOHEXANONE		32 5 - 35	10, 201120	FIAITI. LIQ. 3 FIZZO, ACULE TOX. 4 FI332

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INDEX. 606-010-00-7			
Reg. no. 01-2119453616-35-xxxx			
2-METHOXY-1-METHYLETHYL ACETATE			
CAS. 108-65-6 EC. 203-603-9	15 - 16,5	R10	Flam. Liq. 3 H226
INDEX. 607-195-00-7			
Reg. no. 01-2119475791-29-xxxx			
N-BUTYL ACETATE			
CAS. 123-86-4 EC. 204-658-1	15 - 16,5	R10, R66, R67	Flam. Liq. 3 H226, STOT SE 3 H336, EUH066
INDEX. 607-025-00-1			
Reg. no. 01-2119485493-29-xxxx			

Note: Upper limit is not included into the range.

The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet. T+ = Ver y Toxic(T+), T = To xic(T), Xn = Har mful(Xn), C = Corrosive(C), Xi = Irri tant(Xi), O = Oxi dizing(O), E = Expl osive(E), F+ = Ex tremely Flammable(F+), F = Highly Flammable(F), N = Dangerous for the Environment(N)

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 e yelids 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.

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

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3. Advice for firefighters.

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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. Co llect extinguishing water to prevent it from draining into the sew er system. Dispose of conta minated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

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

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Block the leakage if there is no hazard.

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

6.2. Environmental precautions.

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

6.3. Methods and material for containment and cleaning up.

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

Make sure the leakage site is w ell aired. Check incompatibility for container mat erial in section 7. Contaminated material should be disposed of i n compliance with the provisions set forth in point 13.

6.4. Reference to other sections.

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

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

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

7.2. Conditions for safe storage, including any incompatibilities.

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

7.3. Specific end use(s).

Information not available.

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

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VND

20 mg/kg/d

Regulatory References:

United Kingdom	EH40/2005 Workplace exposure limits. Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations (as amended).
Éire	Code of Practice Chemical Agent Regulations 2011.
OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive
	2000/39/EC.
TLV-ACGIH	ACGIH 2012

Aromatic hydrocarbons, C9 Threshold Limit Value. Туре Country TWA/8h STEL/15min mg/m3 ppm mg/m3 ppm TLV-ACGIH 100 20 250 50 Health - Derived no-effect level - DNEL / DMEL Effects on Effects on consumers. workers Chronic Route of exposure Acute local Acute systemic Chronic local Acute local Acute Chronic local Chronic systemic 11 mg/kg systemic systemic Oral. VND 32 mg/m3 150 mg/m3 Inhalation. VND VND VND VND Skin. 11 mg/kg 25 mg/kg **CYCLOHEXANONE** Threshold Limit Value. STEL/15min Country TWA/8h Туре mg/m3 mg/m3 ppm ppm OEL EU 40,8 10 81,6 20 SKIN OEL IRL SKIN 40,8 10 81,6 20 TLV-ACGIH 80 20 201 50 WEL UK 41 10 82 20 SKIN Predicted no-effect concentration - PNEC. mg/Kg Normal value for the terrestrial compartment 0,0143 Normal value in fresh water 0,0329 mg/l Normal value in marine water 0,0329 mg/l Normal value for fresh water sediment 0,0951 mg/l Health - Derived no-effect level - DNEL / DMEL Effects on Effects on workers Acute local consumers. Route of exposure Acute local Acute systemic Chronic local Chronic Acute Chronic local Chronic systemic systemic systemic Inhalation. 120 mg/m3 20 mg/m3

Skin.

2-METHOXY-1-METHYLETHYL ACETATE

Threshold Limit Value. Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
OEL	EU	275	50	550	100	SKIN
OEL	IRL	275	50	550	100	SKIN
WEL	UK	274	50	548	100	
Predicted no-effect concentration	n - PNEC.					
Normal value for the terrestrial co Normal value in fresh water Normal value for water, intermitte				0,29 0,635 6,35		mg/kg mg/l mg/l

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Normal value in marine water Normal value for fresh water sedin Normal value for marine water sec Normal value of STP microorganis	diment sms			0,0635 3,29 0,329 100		mg/l mg/kg mg/l mg/l		
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.			VND	1,67 mg/kg				
Inhalation.			VND	33 mg/m3			VND	272 mg/m3
Skin.			VND	54,8 mg/kg			VND	153,5 mg/kg
Oral.		Acute systemic	VND VND	systemic 1,67 mg/kg 33 mg/m3			VND	systemic 272 mg/m3

N-BUTYL ACETATE

	Threshold Limit Value. Type	Country	TWA/8h		STEL/15min	
			mg/m3	ppm	mg/m3	ppm
ſ	OEL	IRL	710	150	950	200
	TLV-ACGIH		713	150	950	200
	WEL	UK	724	150	966	200

Legend:

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

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

8.2. Exposure controls.

As the use of ad equate 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.

HAND PROTECTION

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

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

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

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safet y footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

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

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

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

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

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

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ENVIRONMENTAL EXPOSURE CONTROLS.

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

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

OdourtyOdour threshold.NpH.NMelting point / freezing point.NInitial boiling point.>Boiling range.NFlash pointEvaporation RateNFlammability of solids and gasesNLower inflammability limit.NUpper inflammability limit.NUpper explosive limit.NVapour pressure.5Vapour density.NRelative density.OSolubilityPPartition coefficient: n-octanol/waterNAuto-ignition temperature.NViscosityN	colourless ypical of solvent Not available. Not available. Not available. > 125 °C. Not available. 40 °C. Not available. Not available.
	Not available. Not available.

9.2. Other information.

Information not available.

SECTION 10. Stability and reactivity.

10.1. Reactivity.

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

1-METHOXY-2-PROPANOL ACETATE: stable but with the air it may slowly develop peroxides that explode with an increase in temperature. CYCLOHEXANONE: may condense under the effect of heat to form resinous compounds. Attacks various types of plastic. N-BUTYL ACETATE: decomposes readily with water, especially when warm.

10.2. Chemical stability.

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

10.3. Possibility of hazardous reactions.

The vapours may also form explosive mixtures with the air.

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1-METHOXY-2-PROPANOL ACETATE: may react violently with oxidising agents and strong acids and alkaline metals. CYCLOHEXANONE: risk of expl osion on contact w ith: hydrogen peroxide, nitric acid, heat, mineral ac ids. Can react violently with oxidising agents. Forms explosive mixtures with the air.

N-BUTYL ACETATE: risk of explosion on contact with: strong oxidising agents. Can react dangerously with alkaline hydroxides, potassium tert-butoxide. Forms explosive mixtures with the air.

10.4. Conditions to avoid.

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

1-METHOXY-2-PROPANOL ACETATE: store in an inert atmosphere, sheletered from moisture because it hydrolises easily. CYCLOHEXANONE: avoid exposure to sources of heat and naked flames. N-BUTYL ACETATE: avoid exposure to moisture, sources of heat and naked flames.

10.5. Incompatible materials.

1-METHOXY-2-PROPANOL ACETATE: oxidising agents, strong acids and alkaline metals. N-BUTYL ACETATE: water, nitrates, strong oxidising agents, acids and alkalis and potassium tert-butoxide.

10.6. Hazardous decomposition products.

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

SECTION 11. Toxicological information.

11.1. Information on toxicological effects.

In the absence of experimental d ata 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. The introduction of even small quantities of this liquid into the respiratory system in case of in gestion or vomit may cause bronchopneumonia and

pulmonary edema. Acute effects: vapour inhalation may irritate the lower and upper respiratory tract and cause cough and respiratory disorders. At higher concentrations it

can also cause pulmonary edema. Ingestion may cause health problems, including stomach pain and sting, nausea and sickness. This product contains highly volatile substances, which may cause serious depression of the central nervous system (CNS) and have negative effects, such as drowsiness, dizziness, slow reflexes, narcosis.

1-METHOXY-2-PROPANOL ACETATE: the main way of entry is the skin, whereas the respiratory way is less important owing to the low vapour tension of the product. Concentrations above 100 ppm cause eye irritation, nose and orophar ynx. At 1000 ppm disturbance in the equilibr ium and severe eye irritation is observed. Clinical and biological examinations carried out on ex posed volunteers revealed no anomalies. Acetate p roduces greater skin and ocular irritation on direct contact. No chronic effects have been reported in man.

N-BUTYL ACETATE:in humans the substance's vapours cause irritation to the eues and nose. In the event of repeated exposure, there is skin irritation, dermatosis (with driness and flaking of the skin) and keratitis.

2-METHOXY-1-METHYLETHYL ACETATE LD50 (Oral). > 5000 mg/kg Ratto / Rat LD50 (Dermal). > 2000 mg/kg Ratto / Rat LC50 (Inhalation). > 4345 ppm/6h Ratto / Rat

CYCLOHEXANONE LD50 (Oral). > 1535 mg/Kg Ratto / Rat LD50 (Dermal). 948 mg/Kg Coniglio / Rabbit

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LC50 (Inhalation). > 8000 mg/l Ratto / Rat

N-BUTYL ACETATE LD50 (Oral). > 6400 mg/kg Rat LD50 (Dermal). > 5000 mg/kg Rabbit LC50 (Inhalation). 21,1 mg/l/4h Rat

Aromatic hydrocarbons, C9 LD50 (Oral). > 2000 mg/Kg LD50 (Dermal). > 2000 mg/Kg LC50 (Inhalation). > 5 mg/l

SECTION 12. Ecological information.

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it have negative effects on acquatic environment. 12.1. Toxicity.

2-METHOXY-1-METHYLETHYL ACETATE LC50 - for Fish. 134 mg/l/96h Pesce, Oncorhynchus mykiss OECD 203 EC50 - for Crustacea. > 500 mg/l/48h Daphnia magna EC50 - for Algae / Aquatic Plants. > 1000 mg/l/72h Selenastrum capricornutum OECD 201 Chronic NOEC for Fish. 47,5 mg/l Oryzias latipes 14 gg OECD 204 Chronic NOEC for Crustacea. 100 mg/l Dapnia magna 21 gg OECD 202

CYCLOHEXANONE EC50 - for Crustacea. 527 mg/l/48h Fish, Pimephales promelas (96h)

N-BUTYL ACETATE LC50 - for Fish. 18 mg/l/96h Fish EC50 - for Crustacea. 44 mg/l/48h Daphnia Magna

Aromatic hydrocarbons, C9 LC50 - for Fish. > 1 mg/l/96h ALGHE: TOSSICO: 1< LC/EC/IC50 <= 10 mg/l EC50 - for Crustacea. > 10 mg/l/48h INVERTEBRATI ACQUATICI: TOSSICO: 1 < LC/EC/IC50 <= 10 mg/l EC50 - for Algae / Aquatic Plants. > 100 mg/l/72h PESCE: TOSSICO: 1 < LC/EC/IC50 <= 10 mg/l

12.2. Persistence and degradability.

2-METHOXY-1-METHYLETHYL ACETATE Solubility in water. 198000 mg/l Rapidly biodegradable.

CYCLOHEXANONE Rapidly biodegradable.

Aromatic hydrocarbons, C9 Rapidly biodegradable. 12.3. Bioaccumulative potential.

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2-METHOXY-1-METHYLETHYL ACETATE Partition coefficient: n-octanol/water.

1,2 mg/l

12.4. Mobility in soil.

Information not available.

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 greater 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 shoul d be considered special hazardous w aste. 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.

Avoid littering. Do not contaminate soil, sewers and waterways.

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.

These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations. These goods must be packed in their original packagings or in packagings made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations.

Road and rail transport: ADR/RID Class:	3	UN:	1263
Packing Group: Label: Nr. Kemler: Limited Quantity. Tunnel restriction co Proper Shipping Na Special Provision:	III 3 30 5 L (D/E) PAINT or PAINT RELA 640E	ATED MATERIAL	
Carriage by sea (shipping): IMO Class:	3	UN:	1263

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La				
	Packing Group:	Ш		
	Label:	3		
	EMS:	F-E ,	<u>S-E</u>	
	Marine Pollutant.	YES		
	Proper Shipping Name:	PAINT or PAII	NT RELATED MATERIAL (Aromatic hydrometry and the second seco	rocarbons, C9)
Transpor	t by air:			
	IATA:	3	UN:	1263
3	Packing Group:	111		
	Label:	3		
	Cargo:			
	Packaging instructions:	366	Maximum quantity:	220 L
	Pass.:			
	Packaging instructions:	355	Maximum quantity:	60 L
	Special Instructions:	A3, A72		
	Proper Shipping Name:	PAINT or PAII	NT RELATED MATERIAL	
	For Air transport, environmentally hazardou mark is only mandatory for UN 3077 and U	au N		
	3082.			
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None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

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

15.2. Chemical safety assessment.

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. Liq. 3	Flammable liquid, category 3
Acute Tox. 4	Acute toxicity, category 4
Asp. Tox. 1	Aspiration hazard, category 1
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic toxicity, category 2
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Text of risk (R) phrases mentioned in section 2-3 of the sheet:

R10	FLAMMABLE.
R20	HARMFUL BY INHALATION.
R37	IRRITATING TO RESPIRATORY SYSTEM.
R51/53	TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
R65	HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED.
R66	REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.
R67	VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS.

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

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- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- **OEL: Occupational Exposure Level**
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA 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

- 1. Directive 1999/45/EC and following amendments
- 2. Directive 67/548/EEC and following amendments and adjustments
- 3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 6. Regulation (EC) 453/2010 of the European Parliament 7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
- 8. Regulation (EC) 618/2012 (III Atp. CLP) of the European Parliament
- 9. The Merck Index. 10th Edition
- 10. Handling Chemical Safety
- 11. Niosh Registry of Toxic Effects of Chemical Substances
- 12. INRS Fiche Toxicologique (toxicological sheet)
- 13. Patty Industrial Hygiene and Toxicology
- 14. N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- 15. ECHA website
- FOR PROFESSIONAL USE ONLY

This safety data sheet is prepared in accordance with the instructions provided on the relevant safety data sheets by our suppliers.

Note for users:

The information contained in the present sheet are based on our own kno wledge on the date of the last version. U sers 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.

Changes to previous review:

The following sections were modified:

02/09/11/12