

Safety data sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: 00600
Product name: Condor-Jet Matt

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: Acrylic paint. Matting anti UV for ink-jet paper for consumer, industrial or professional uses.

1.3. Details of the supplier of the safety data sheet

Name: Condor Foto Sas
Full address: Via Prinetti, 32
District and Country: 20127 Milano
Italy
Tel. 0039 02 26110946

e-mail address of the competent person

responsible for the Safety Data Sheet: condor@condorfoto.it

1.4. Emergency telephone number

For urgent inquiries refer to
Company: 0039 02 26110946

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

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 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.

Hazard classification and indication:

Aerosol, category 1	H222 H229	Extremely flammable aerosol. Pressurised container: may burst if heated.
Eye irritation, category 2	H319	Causes serious eye irritation.
Specific target organ toxicity - single exposure, category 3	H336	May cause drowsiness or dizziness.

2.2. Label elements.

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

Hazard pictograms:



Signal words: 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.
EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

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 Do not pierce or burn, even after use.
P264 Wash . . . thoroughly after handling.
P280 Wear eye protection / face protection.
P304+P340 IF INHALED: remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER / doctor / . . . / if you feel unwell.
P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50°C / 122°F.

Contains: METHYL ACETATE
N-BUTYL ACETATE

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.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

Contains:

Identification.	Conc. %.	Classification 1272/2008 (CLP).
METHYL ACETATE		
CAS. 79-20-9	24 - 29	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		
PROPANE		
CAS. 74-98-6	19 - 24	Flam. Gas 1 H220, Note U
EC. 200-827-9		
INDEX. 601-003-00-5		
Reg. no. 01-2119486944-21		
XYLENE (MIXTURE OF ISOMERS)		

CAS. 1330-20-7 7 - 9 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

BUTANE

CAS. 106-97-8 7 - 9 Flam. Gas 1 H220, Note C U

EC. 203-448-7

INDEX. 601-004-00-0

Reg. no. 01-2119474691-32

N-BUTYL ACETATE

CAS. 123-86-4 7 - 9 Flam. Liq. 3 H226, STOT SE 3 H336, EUH066

EC. 204-658-1

INDEX. 607-025-00-1

Reg. no. 01-2119485493-29

ISOBUTANE

CAS. 75-28-5 4 - 5 Flam. Gas 1 H220, Note C U

EC. 200-857-2

INDEX. 601-004-00-0

METHANOL

CAS. 67-56-1 1 - 2 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

2-BUTOXYETHANOL

CAS. 111-76-2 1 - 2 Acute Tox. 4 H302, Acute Tox. 4 H312, Acute Tox. 4 H332, Eye Irrit. 2 H319, Skin Irrit. 2 H315

EC. 203-905-0

INDEX. 603-014-00-0

Reg. no. 01-2119475108-36

Note: Upper limit is not included into the range.

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

SECTION 4. First aid measures.

4.1. Description of first aid measures.

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.

For symptoms and effects caused by the contained substances, see chap. 11.

2-BUTOXYETHANOL: Repeated or prolonged contact with skin may cause dermatosis or dryness.

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.

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.

7.3. Specific end use(s).

Information not available.

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Regulatory References:

FRA	France	JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GRB	United Kingdom	EH40/2005 Workplace exposure limits
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
EU	OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC.
	TLV-ACGIH	ACGIH 2014

METHYL ACETATE

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
VLEP	FRA	610	200	760	250	SKIN.
WEL	GRB	616	200	770	250	
TLV-ACGIH		606	200	757	250	

PROPANE

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
TLV-ACGIH			1000			

XYLENE (MIXTURE OF ISOMERS)

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
VLEP	FRA	221	50	442	100	SKIN.
WEL	GRB	220	50	441	100	
TLV	ITA	221	50	442	100	SKIN.
OEL	EU	221	50	442	100	SKIN.
TLV-ACGIH		434	100	651	150	

BUTANE

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
VLEP	FRA	1900	800			
WEL	GRB	1450	600	1810	750	
TLV-ACGIH				2377	1000	

N-BUTYL ACETATE

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
VLEP	FRA	710	150	940	200	
WEL	GRB	724	150	966	200	
TLV-ACGIH		713	150	950	200	

ISOBUTANE

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
TLV-ACGIH			1000			

2-BUTOXYETHANOL

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
VLEP	FRA	49	10	246	50	SKIN.
WEL	GRB	123	25	246	50	SKIN.
TLV	ITA	98	20	246	50	SKIN.
OEL	EU	98	20	246	50	SKIN.
TLV-ACGIH		97	20			

METHANOL

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	

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		mg/m3	ppm	mg/m3	ppm	
VLEP	FRA	260	200	1300	1000	SKIN.
WEL	GRB	266	200	333	250	SKIN.
TLV	ITA	260	200			SKIN.
OEL	EU	260	200			SKIN.
TLV-ACGIH		262	200	328	250	

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.

TLV of solvent mixture: 501 mg/m3.

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	aerosol
Colour	as showed in color folder
Odour	characteristic of solvent
Odour threshold.	Not available.
pH.	N.A.
Melting point / freezing point.	Not available.

Initial boiling point.	< 35 °C.
Boiling range.	Not available.
Flash point.	< 0 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	not applicable
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.	0,75 - 0,80
Solubility	insoluble in water, soluble in organic solvents
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

VOC (Directive 2004/42/EC) :	76,20 % - 586,74 g/litre.
VOC (volatile carbon) :	51,96 % - 400,09 g/litre.
Pressure at 20°C	4 bar

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 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.

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

XYLENE (MIXTURE OF ISOMERS): stable, but may develop violent reactions in the presence of strong oxidising agents such as sulphuric and nitric acids and perchlorates. May form 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.

N-BUTYL ACETATE: avoid exposure to moisture, sources of heat and naked flames.

10.5. Incompatible materials.

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

N-BUTYL ACETATE: water, nitrates, strong oxidising agents, acids and alkalis and potassium tert-butoxide.

10.6. Hazardous decomposition products.

Information not available.

SECTION 11. Toxicological information.

11.1. Information on toxicological effects.

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.

Acute effects: stinging eyes. Symptoms may include: rubescence, edema, pain and lachrymation. 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.

This product may have a degreasing action on the skin, producing dryness and chapped skin after repeated exposure.

XYLENE (MIXTURE OF ISOMERS): has a toxic effect on the CNS (encephalopathies). Irritating to the skin, conjunctivae, cornea and respiratory apparatus. Monograph from the IARC (International Agency for Research on Cancer): IARC Group 3 - the agent is not classifiable as carcinogenic to humans.

METHANOL: Substance may be absorbed in the organism by inhalation, skin contact and ingestion.

Risks by inhalation: a harmful contamination of air can be achieved very quickly by substance evaporation at 20°C.

Short term exposure effects: substance is irritating to eyes, skin and respiratory apparatus. Substance can have effects on central nervous system causing a reduction in alertness.

Repeated or long term exposure effects: repeated or prolonged contact with skin may cause dermatitis. Substance may affect the central nervous system causing persistent or repeated headache and alterations in vision.

Acute risks / symptoms:

Skin: can be absorbed by skin. Dry skin, reddening.

Eyes: reddening, pain.

Ingestion: The minimal lethal dose following ingestion is considered to be in the range of 300-1000 mg/kg. Ingestion of as little as 4-10 ml methanol in adults may cause permanent blindness (IPCS). Abdominal spasms, gasing breath, vomiting, convulsion, unconsciousness. See also inhalation. NOAEL oral: 2340 mg/kg bw/d ape.

Inhalation: cough, dizziness, headache, nausea, weakness, vision alterations. NOAEL inhalation: 1,06 mg/l rat.

Note: depending on exposure, periodic specialistic tests are advised.

2-BUTOXYETHANOL:

Substance can be absorbed in the organism by inhalation, skin or by ingestion.

Risk by inhalation: a dangerous concentration in air can be achieved slowly by substance evaporation at 20°C.

Skin corrosion / skin irritation: irritating.

Severe eye damage / eye irritation: causes severe eye irritation.

Respiratory or skin sensitization: negative.

Mutagenicity on germ cells: no mutagenic effect.

Carcinogenicity: carcinogenicity test negative. IARC Group 3: the agent is not classifiable as carcinogenic for man.

Toxicity for reproduction: no toxic effects on reproduction.

Specific toxicity on target organs: single exposure: to human: not classified. For animals: no effects known. Repeated exposure: to human: not classified. To animals: Product can cause anaemia. These effects are considered being specific for the animal species and are not relevant for man.

Risk by aspiration: symptoms of lung oedema mostly reveal after a few hours, intensified by physical effort.

METHYL ACETATE:

Substance may be absorbed in the organism by vapours inhalation.

Risks by inhalation: a harmful contamination of air can be achieved very quickly by substance evaporation at 20°C.

Short term exposure effects: substance is irritating to eyes and respiratory apparatus. Substance can have effects on central nervous system causing a reduction in alertness. Exposure many times higher than OEL can cause death.

Repeated or long term exposure effects: liquid can damage skin fat. Substance can affect the optic nerve causing changes in vision.

Acute risks / symptoms:

Inhalation: cough, torpidity, headache, respiratory difficulty, sore throat, unconsciousness. Symptoms can arise late.

Skin: dry skin, reddening, ruggedness.

Eyes: reddening, pain, blurred vision.

Ingestion: abdominal spasms, nausea, vomiting, weakness. See also inhalation.

Notes: symptoms of optic nerve damage arise only after few hours. In case of poisoning due to this substance a specific treatment is needed; suitable resources and instruction must be available.

Odour is an insufficient warning that the exposure limit has been exceeded.

N-BUTYL ACETATE: Substance can be absorbed into the body by vapours inhalation.

Risks by inhalation: a harmful concentration in air will be slowly achieved by evaporation at 20°C.

In humans the substance's vapours cause irritation to the eyes and nose.

Acute risks / symptoms:

Inhalation: cough, sore throat, dizziness, headache.

Eyes: reddening, pain.

Ingestion: nausea.

Skin corrosion / skin irritation: not irritating (rabbit).

Respiratory or skin sensitisation: not sensitizing.

Mutagenicity on germ cells: no mutagenic effects.

Carcinogenicity: carcinogenicity test negative.

Toxicity for reproduction: no toxic effects on reproduction.

Specific toxicity on target organs: single exposure: to humans: high concentrations may cause central nervous system depression and loss of consciousness. In the event of repeated exposure, there is skin irritation, dermatosis (with dryness and flaking of the skin) and keratitis.

Risk by aspiration: not classified as dangerous.

XYLENE (MIXTURE OF ISOMERS)

LD50 (Oral).3523 mg/kg Rat

LD50 (Dermal).4350 mg/kg Rabbit

LC50 (Inhalation).26 mg/l/4h Rat

PROPANE

LC50 (Inhalation).658 mg/l/4 h Rat

METHANOL

LD50 (Oral).> 2528 mg/kg Rat

LD50 (Dermal).17100 mg/kg Rabbit

2-BUTOXYETHANOL

LD50 (Oral).615 mg/kg Rat

LD50 (Dermal).405 mg/kg Rabbit

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

METHYL ACETATE

LD50 (Oral).6482 mg/kg Rat

LD50 (Dermal).> 2000 mg/kg Rabbit

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

N-BUTYL ACETATE

LD50 (Oral).> 6400 mg/kg Rat

LD50 (Dermal).> 5000 mg/kg Rabbit

LC50 (Inhalation).21,1 mg/l/4h Rat

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.

XYLENE (MIXTURE OF ISOMERS):NOEC: 0,44 mg/l (alga, 73 h); NOEC: 1,57 mg/l (Daphnia magna, 21 d); NOEC: > 1.3 mg/l (fish, 56 d).

METHANOL: toxicity on bacteria: EC50 > 1000 mg/l activated sludge.

XYLENE (MIXTURE OF ISOMERS)

LC50 - for Fish.

2,6 mg/l/96h (Fish; oncorhynchus mykiss)

METHANOL

LC50 - for Fish. 15400 mg/l/96h *Iepomis macrochirus*
 EC50 - for Crustacea. > 10000 mg/l/48h *Daphnia Magna*

2-BUTOXYETHANOL

LC50 - for Fish. 1474 mg/l/96h (*Oncorhynchus mykiss*)
 EC50 - for Crustacea. 1550 mg/l/48h (*Daphnia magna*)
 EC50 - for Algae / Aquatic Plants. 911 mg/l/72h (*Pseudokirchneriella subcapitata*)

METHYL ACETATE

LC50 - for Fish. > 250 mg/l/96h *Brachydario rerio*
 EC50 - for Crustacea. 1026 mg/l/48h *Daphnia Magna*
 EC50 - for Algae / Aquatic Plants. > 120 mg/l/72h *Scenedesmus subspicatus*

N-BUTYL ACETATE

LC50 - for Fish. 62 mg/l/96h *Brachidanio rerio*
 EC50 - for Crustacea. 44 mg/l/48h *Daphnia magna*
 EC50 - for Algae / Aquatic Plants. 675 mg/l/72h *Scenedesmus subspicatus*

12.2. Persistence and degradability.

BUTANE / ISOBUTANE / PROPANE: believed to be easily biodegradable.
 2-BUTOXYETHANOL: Biodegradation= 90,4%. Period 28 days.

XYLENE (MIXTURE OF ISOMERS)

Solubility in water. mg/l 100 - 1000

Biodegradability: Information not available.

BUTANE

Solubility in water. mg/l 0,1 - 100

Rapidly biodegradable.

PROPANE

Solubility in water. mg/l 0,1 - 100

Rapidly biodegradable.

METHANOL

Solubility in water. mg/l 1000 - 10000

Rapidly biodegradable.

2-BUTOXYETHANOL

Solubility in water. mg/l 1000 - 10000

Rapidly biodegradable.

METHYL ACETATE

Solubility in water. 243500 mg/l

Rapidly biodegradable.

N-BUTYL ACETATE

Solubility in water. mg/l 1000 - 10000

Rapidly biodegradable.

12.3. Bioaccumulative potential.

2-BUTOXYETHANOL: poorly bioaccumulative.

N-BUTYL ACETATE: logPow 1.79 - 2.06. Bioaccumulation not expected.

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

METHANOL

Partition coefficient: n-octanol/water. -0,77

BCF. 0,2

2-BUTOXYETHANOL

Partition coefficient: n-octanol/water. 0,81

METHYL ACETATE

Partition coefficient: n-octanol/water. 0,18

N-BUTYL ACETATE

Partition coefficient: n-octanol/water. 2,3

BCF. 15,3

12.4. Mobility in soil.

BUTANE / ISOBUTANE / PROPANE: if released into the environment, the product will quickly spread in the atmosphere where it will be subjected to photochemical degradation.

2-BUTOXYETHANOL: very high mobility potential.

XYLENE (MIXTURE OF ISOMERS)

Partition coefficient: 2,73
soil/water.

METHYL ACETATE

Partition coefficient: 0,18
soil/water.

N-BUTYL ACETATE

Partition coefficient: < 3
soil/water.

12.5. Results of PBT and vPvB assessment.

XYLENE (MIXTURE OF ISOMERS): is not a substance defined PBT or vPvB.

2-BUTOXYETHANOL: is not a substance defined PBT or vPvB.

N-BUTYL ACETATE: is not a substance defined PBT or vPvB.

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.

SECTION 14. Transport information.

14.1. UN number.

ADR / RID, IMDG, 1950
IATA:

14.2. UN proper shipping name.

ADR / RID: AEROSOLS,
FLAMMABLE
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: -

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)
IMDG:	Special Provision: - EMS: F-D, S-U	Limited Quantities: 1 L	
IATA:	Cargo: Pass.: Special Instructions:	Maximum quantity: - Maximum quantity: - -	Packaging instructions: - Packaging instructions: -

14.7. Transport in bulk according to Annex II of MARPOL73/78 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. 8

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

Product Point. 40

Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

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

VOC (Directive 2004/42/EC) :

Special finishes.

VOC given in g/litre of product in a ready-to-use condition :

Limit value: 840,00

VOC of product : 540,60

15.2. Chemical safety assessment.

No chemical safety assessment has been performed 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. 3	Acute toxicity, category 3
STOT SE 1	Specific target organ toxicity - single exposure, category 1
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.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.
H370	Causes damage to organs.
H302	Harmful if swallowed.
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.

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%
- 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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 - INRS - Fiche Toxicologique (toxicological sheet)
 - Patty - Industrial Hygiene and Toxicology
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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.

Changes to previous review:

The following sections were modified:

01 / 02 / 03 / 08 / 09 / 10 / 11 / 12 / 14 / 15 / 16.