

Safety Data Sheet

Issue date: 02/04/2019

Revision date: 05/04/2022

Version: 1.2

Product code : AERO-1K

PICTURA AC

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

1.1. Product identifier

Product form : Mixture
Product name : PICTURA AC
Product code : 30382-30383-30384-30385-30386-30387-30388-30389-30393-30394
Type of product : Aerosol dispensers
Vaporizer : Aerosol
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the Safety Data Sheet

IPC
10 Quai Malbert, 29200, BREST, FRANCE.
Tel. : +33 (0)2 98 43 45 44. Fax : +33 (0)2 98 44 22 53
ipc@groupe-ipc.com

1.4. Emergency telephone number

Emergency number : ORFILA (INRS) : 01 45 42 59 59, 24h sur 24, 7j sur 7
French poison and toxicity monitoring centres : <http://www.centres-antipoison.net>

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008

Aerosol 1	H222;H229
Eye Irrit. 2	H319
STOT SE 3	H336
Aquatic Chronic 3	H412



Full text of hazard classes, H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) 1272/2008

Hazard pictograms :  

GHS02 GHS07

Signal word : Danger

Hazardous ingredients : Acetone

Hazard statements : H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements : P210 - Keep away from heat, hot surfaces, open flames, sparks. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing vapours, spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C.
In case of spraying, work under aspiration/booth and wear a respiratory protective mask conform to EN140 equipped with P2 or P3-type filter, or wear an anti-aerosol mask type FFP2 or FFP3 conform to EN149. Do not breathe aerosols.
In case of spraying, work under aspiration/booth and wear a respiratory protective mask conform to EN140 equipped with P2 or P3-type filter, or wear an anti-aerosol mask type FFP2 or FFP3 conform to EN149. Do not breathe aerosols.

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EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking.
 EUH208 - Contains . May produce an allergic reaction.
 EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
 This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
 Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component	
Acetone (67-64-1)	This product is not considered persistent, bioaccumulative, or toxic (PBT).
Titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Solvent naphtha (petroleum), light aromatic (64742-95-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
2-methoxy-1-methylethyl acetate (108-65-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Hydrocarbons, C9, aromatics	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Xylene (1330-20-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1-methoxy-2-propanol (107-98-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Ethylbenzene (100-41-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain any substance included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in the Delegated Regulation (EU) 2017/2100 or the Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Not established.

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) 1272/2008
Acetone substance with national workplace exposure limit(s) (FR); substance with a Community workplace exposure limit	CAS-No.: 67-64-1 EC-No.: 200-662-2 EC Index-No.: 606-001-00-8 REACH-no: 01-2119471330-49	$\geq 20 - < 50$	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] substance with national workplace exposure limit(s) (FR) (Note V)(Note W)(Note 10)	CAS-No.: 13463-67-7 EC-No.: 236-675-5 REACH-no: 01-2119489379-17	$\geq 10 - < 20$	Carc. Not classified
Solvent naphtha (petroleum), light aromatic (Note P)	CAS-No.: 64742-95-6 EC-No.: 265-199-0 EC Index-No.: 649-356-00-4 REACH-no: 01-2119486773-24	$\geq 5 - < 10$	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
2-methoxy-1-methylethyl acetate substance with national workplace exposure limit(s) (FR); substance with a Community workplace exposure limit	CAS-No.: 108-65-6 EC-No.: 203-603-9 EC Index-No.: 607-195-00-7 REACH-no: 01-2119475791-29	$\geq 5 - < 10$	Flam. Liq. 3, H226
Hydrocarbons, C9, aromatics (Note P)	EC-No.: 918-668-5 REACH-no: 01-2119455851-35	$\geq 5 - < 10$	Flam. Liq. 3, H226 Muta. Not classified Carc. Not classified STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) 1272/2008
Xylene substance with national workplace exposure limit(s) (FR); substance with a Community workplace exposure limit	CAS-No.: 1330-20-7 EC-No.: 215-535-7 EC Index-No.: 601-022-00-9 REACH-no: 01-2119488216-32	≥ 1 – < 5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Naphtha (petroleum), hydrotreated heavy substance with national workplace exposure limit(s) (FR); substance with a Community workplace exposure limit (Note P)	CAS-No.: 64742-48-9 EC-No.: 265-150-3 EC Index-No.: 649-327-00-6 REACH-no: 01-2119486659-16	≥ 1 – < 5	Flam. Liq. 3, H226 Muta. Not classified Carc. Not classified STOT SE 3, H336 Asp. Tox. 1, H304
1-methoxy-2-propanol substance with a Community workplace exposure limit	CAS-No.: 107-98-2 EC-No.: 203-539-1 EC Index-No.: 603-064-00-3 REACH-no: 01-2119457435-35	≥ 1 – < 5	Flam. Liq. 3, H226 STOT SE 3, H336
Ethylbenzene substance with national workplace exposure limit(s) (FR); substance with a Community workplace exposure limit	CAS-No.: 100-41-4 EC-No.: 202-849-4 EC Index-No.: 601-023-00-4 REACH-no: 01-2119489370-35	≥ 1 – < 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304

Note 10 : The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

Note P: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Einescs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply.

Note V : If the substance is to be placed on the market as fibres (with diameter < 3 µm, length > 5 µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.

Note W : It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung. This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation.

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Wash with soapy water. Wash immediately with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Repeated exposure may cause skin dryness or cracking.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist if irritation persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. If you feel unwell, seek medical advice. Immediately call a POISON CENTER/doctor. Do not induce vomiting.

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

Symptoms/effects after inhalation	: Shortness of breath. May cause drowsiness or dizziness.
Symptoms/effects after eye contact	: Causes serious eye irritation.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Sand. Dry powder. Alcohol resistant foam.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Extremely flammable aerosol.
Explosion hazard	: Contains gas under pressure; may explode if heated. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
Hazardous decomposition products in case of fire	: Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

Precautionary measures fire	: Fight fire remotely due to the risk of explosion. Evacuate area.
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- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges. Ensure adequate ventilation. Absorb spillage to prevent material damage. Evacuate area. Eliminate every possible source of ignition.

6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection. Use personal protective equipment as required.
- Emergency procedures : Evacuate unnecessary personnel. Stop release. Ventilate area.

6.2. Environmental precautions

- Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

- Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Do not spray on an open flame or other ignition source. Avoid breathing vapours, spray. Use personal protective equipment as required. Ensure good ventilation of the work station. Close container tightly after use. Do not breathe vapours, mist.
- Handling temperature : < 40 (\leq 40) °C
- Hygiene measures : Remove contaminated clothes. Do not eat, drink or smoke when using this product. Separate working clothes from town clothes. Launder separately.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment. Use only non-sparking tools. Proper grounding procedures to avoid static electricity should be followed. Provide local exhaust or general room ventilation.
- Storage conditions : Do not expose to temperatures exceeding 50°C. Keep in fireproof place. Keep container tightly closed.
- Storage temperature : < 40 °C

7.3. Specific end use(s)

- No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Acetone (67-64-1)		
France	Local name	Acétone
France	VME (OEL TWA)	1210 mg/m ³
France	VME (OEL TWA) [ppm]	500 ppm
France	VLE (OEL C/STEL)	2420 mg/m ³
France	VLE (OEL C/STEL) [ppm]	1000 ppm
France	Remark	Valeurs réglementaires contraignantes
France	Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016; Décret n° 2019-1487; Décret n° 2020-1546; Décret n° 2021-434; Décret n° 2021-1849)

Titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter \leq 10 μ m] (13463-67-7)

France	Local name	Titane (dioxyde de), en Ti
France	VME (OEL TWA)	10 mg/m ³
France	Remark	Valeurs recommandées/admises
France	Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)

2-methoxy-1-methylethyl acetate (108-65-6)

France	Local name	Acétate de 2-méthoxy-1-méthyléthyle
France	VME (OEL TWA)	275 mg/m ³
France	VME (OEL TWA) [ppm]	50 ppm
France	VLE (OEL C/STEL)	550 mg/m ³

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2-methoxy-1-methylethyl acetate (108-65-6)

France	VLE (OEL C/STEL) [ppm]	100 ppm
France	Remark	Valeurs réglementaires contraignantes; risque de pénétration percutanée
France	Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016; Décret n° 2019-1487; Décret n° 2020-1546; Décret n° 2021-434; Décret n° 2021-1849)

Xylene (1330-20-7)

France	Local name	Xylène: mélange d'isomères
France	VME (OEL TWA)	221 mg/m ³
France	VME (OEL TWA) [ppm]	50 ppm
France	VLE (OEL C/STEL)	442 mg/m ³
France	VLE (OEL C/STEL) [ppm]	100 ppm
France	Remark	Valeurs réglementaires contraignantes; risque de pénétration percutanée

Naphtha (petroleum), hydrotreated heavy (64742-48-9)

France	VME (OEL TWA)	1000 mg/m ³
France	VLE (OEL C/STEL)	1500 mg/m ³

1-methoxy-2-propanol (107-98-2)

Ethylbenzene (100-41-4)

France	Local name	Ethylbenzène
France	VME (OEL TWA)	88,4 mg/m ³
France	VME (OEL TWA) [ppm]	20 ppm
France	VLE (OEL C/STEL)	442 mg/m ³
France	VLE (OEL C/STEL) [ppm]	100 ppm
France	Remark	Valeurs réglementaires contraignantes; risque de pénétration percutanée
France	Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016; Décret n° 2019-1487; Décret n° 2020-1546; Décret n° 2021-434; Décret n° 2021-1849)

8.1.1 National occupational exposure and biological limit values

Acetone (67-64-1)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Acetone
IOEL TWA	1210 mg/m ³
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

France - Occupational Exposure Limits

Local name	Acétone
VME (OEL TWA)	1210 mg/m ³
VME (OEL TWA) [ppm]	500 ppm
VLE (OEL C/STEL)	2420 mg/m ³
VLE (OEL C/STEL) [ppm]	1000 ppm
Remark	Valeurs réglementaires contraignantes
Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016; Décret n° 2019-1487; Décret n° 2020-1546; Décret n° 2021-434; Décret n° 2021-1849)

Titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)

France - Occupational Exposure Limits

Local name	Titane (dioxyde de), en Ti
VME (OEL TWA)	10 mg/m ³
Remark	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)

2-methoxy-1-methylethyl acetate (108-65-6)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	2-Methoxy-1-methylethylacetate
IOEL TWA	275 mg/m ³
IOEL STEL	550 mg/m ³
IOEL STEL [ppm]	100 ppm
Remark	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

France - Occupational Exposure Limits

Local name	Acétate de 2-méthoxy-1-méthyléthyle
VME (OEL TWA)	275 mg/m ³
VME (OEL TWA) [ppm]	50 ppm
VLE (OEL C/STEL)	550 mg/m ³
VLE (OEL C/STEL) [ppm]	100 ppm
Remark	Valeurs réglementaires contraignantes; risque de pénétration percutanée
Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016; Décret n° 2019-1487; Décret n° 2020-1546; Décret n° 2021-434; Décret n° 2021-1849)

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Xylene (1330-20-7)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Xylene, mixed isomers, pure
IOEL TWA	221 mg/m ³
IOEL STEL	442 mg/m ³
IOEL STEL [ppm]	100 ppm
Remark	Skin

France - Occupational Exposure Limits

Local name	Xylène: mélange d'isomères
VME (OEL TWA)	221 mg/m ³
VME (OEL TWA) [ppm]	50 ppm
VLE (OEL C/STEL)	442 mg/m ³
VLE (OEL C/STEL) [ppm]	100 ppm
Remark	Valeurs réglementaires contraignantes; risque de pénétration percutanée

Naphtha (petroleum), hydrotreated heavy (64742-48-9)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	White spirit Type 3
IOEL TWA	116 mg/m ³
IOEL STEL	290 mg/m ³
IOEL STEL [ppm]	50 ppm
Remark	Skin. (Year of adoption 2007)

France - Occupational Exposure Limits

VME (OEL TWA)	1000 mg/m ³
VLE (OEL C/STEL)	1500 mg/m ³

1-methoxy-2-propanol (107-98-2)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	1-Methoxypropanol-2
IOEL TWA	375 mg/m ³
IOEL STEL	568 mg/m ³
IOEL STEL [ppm]	150 ppm
Remark	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

Ethylbenzene (100-41-4)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Ethylbenzene
IOEL TWA	442 mg/m ³
IOEL TWA [ppm]	100 ppm
IOEL STEL	884 mg/m ³
IOEL STEL [ppm]	200 ppm
Remark	Skin

France - Occupational Exposure Limits

Local name	Ethylbenzène
VME (OEL TWA)	88,4 mg/m ³
VME (OEL TWA) [ppm]	20 ppm
VLE (OEL C/STEL)	442 mg/m ³
VLE (OEL C/STEL) [ppm]	100 ppm
Remark	Valeurs réglementaires contraignantes; risque de pénétration percutanée
Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016; Décret n° 2019-1487; Décret n° 2020-1546; Décret n° 2021-434; Décret n° 2021-1849)

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

Acetone (67-64-1)

DNEL/DMEL (Workers)

Acute - local effects, inhalation	2420 mg/m ³ 1000ppm
Long-term - systemic effects, dermal	186 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1210 mg/m ³ 500ppm

DNEL/DMEL (General population)

Long-term - systemic effects, oral	62 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	200 mg/m ³
Long-term - systemic effects, dermal	62 mg/kg bodyweight/day

PNEC (Water)

PNEC (freshwater)	10,6 mg/l
PNEC (marine water)	1,06 mg/l



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Acetone (67-64-1)

PNEC (intermittent, freshwater)	21 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	30,4 mg/kg dwt
PNEC sediment (marine water)	3,04 mg/kg dwt
PNEC (Soil)	
PNEC soil	29,5 mg/kg dwt
PNEC (STP)	
PNEC (sewage treatment plant)	100 mg/l

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Avoid all unnecessary exposure. Restrict access to authorized staff during the use and the cleaning processes. Provide local exhaust or general room ventilation. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles. conform to EN 166 standard.

8.2.2.2. Skin protection

Skin and body protection:

Wear protective clothing suitable for the specific operational conditions. conform to EN 943, EN 14605 and EN ISO 13982 standards.

Hand protection:

Wear gloves chemically resistant to the substances listed in Section 3 of this SDS. We recommend the following materials. If needed, request our "Gloves safe use instructions".

Type	Material	Permeation	Thickness (mm)	Standard
Disposable gloves	Nitrile rubber (NBR), Butyl rubber (BR)	1 (> 10 minutes), 2 (> 30 minutes)	According to the operational conditions	EN ISO 374

Other skin protection

Protective clothing:

Wear protective clothing suitable for the specific operational conditions. conform to EN 943, EN 14605 and EN ISO 13982 standards.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Mask conform to the EN136, EN140 and EN14387 standards, with cartridge or filter of type . A - High-boiling point, >65°C, organic compounds (brown). In case of spraying, work under aspiration/booth and wear a respiratory protective mask conform to EN140 equipped with P2 or P3-type filter, or wear an anti-aerosol mask type FFP2 or FFP3 conform to EN149. Do not breathe aerosols.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: According to the shade.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available

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Boiling point	: > 35 °C
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: Not applicable
Flash point	: < 23°C (estimated)
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure at 20°C	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1,03
Vapour density	: Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

% of flammable ingredients : 52,548906

9.2.2. Other safety characteristics

VOC content estimate : 550 g/l

Additional information : The propellant is not taken into account in this section.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

None to our knowledge.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Additional information	: Repeated exposure may cause skin dryness or cracking.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)

IARC group : 2B - Possibly carcinogenic to humans

Xylene (1330-20-7)

IARC group : 3 - Not classifiable

Ethylbenzene (100-41-4)

IARC group : 2B - Possibly carcinogenic to humans

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Reproductive toxicity : Not classified
STOT-single exposure : May cause drowsiness or dizziness.

Acetone (67-64-1)

STOT-single exposure : May cause drowsiness or dizziness.

Solvent naphtha (petroleum), light aromatic (64742-95-6)

STOT-single exposure : May cause drowsiness or dizziness. May cause respiratory irritation.

Hydrocarbons, C9, aromatics

STOT-single exposure : May cause drowsiness or dizziness. May cause respiratory irritation.

Xylene (1330-20-7)

STOT-single exposure : May cause respiratory irritation.

Naphtha (petroleum), hydrotreated heavy (64742-48-9)

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

Acetone (67-64-1)

NOAEL (oral, rat, 90 days) : 900 mg/kg bodyweight/day

Xylene (1330-20-7)

NOAEL (oral, rat, 90 days) : 250 mg/kg bodyweight/day

NOAEC (inhalation, rat, vapour, 90 days) : 4,35 mg/l

Ethylbenzene (100-41-4)

STOT-repeated exposure : May cause damage to organs (auditory system) through prolonged or repeated exposure (if inhaled).

Aspiration hazard : Not classified

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Vaporizer : Aerosol

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

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Persistence and degradability : May cause long-term adverse effects in the environment.

Acetone (67-64-1)

Persistence and degradability : Readily biodegradable.

Biochemical oxygen demand (BOD) : 1,76 g O₂/g substance 5d

Chemical oxygen demand (COD) : 2,1 g O₂/g substance

Biodegradation : 91 % 28d

Titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)

Persistence and degradability : Not biodegradable.

Biodegradation : < 10 %

Solvent naphtha (petroleum), light aromatic (64742-95-6)

Persistence and degradability : Readily biodegradable. May cause long-term adverse effects in the environment.

Biodegradation : 78 % 28d

2-methoxy-1-methylethyl acetate (108-65-6)

Persistence and degradability : Readily biodegradable.

Biochemical oxygen demand (BOD) : 0,00036 g O₂/l

Chemical oxygen demand (COD) : 0,00174 g O₂/g substance

Biodegradation : 83 % 28d

Hydrocarbons, C9, aromatics

Persistence and degradability : Readily biodegradable. May cause long-term adverse effects in the environment.

Biodegradation : 78 % 28d

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Xylene (1330-20-7)

Persistence and degradability	Readily biodegradable.
Biodegradation	87,8 % 28d

1-methoxy-2-propanol (107-98-2)

Persistence and degradability	Readily biodegradable.
Biodegradation	96 % 28d

Ethylbenzene (100-41-4)

Persistence and degradability	Readily biodegradable.
Biodegradation	70 (70 – 80) % 28d

12.3. Bioaccumulative potential

Acetone (67-64-1)

Bioconcentration factor (BCF REACH)	3 BCFWIN
Partition coefficient n-octanol/water (Log Pow)	-0,24
Partition coefficient n-octanol/water (Log Kow)	-0,24
Bioaccumulative potential	Considered not bioaccumulable.

Titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)

Bioaccumulative potential	Low bioaccumulation potential.
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2-methoxy-1-methylethyl acetate (108-65-6)

Partition coefficient n-octanol/water (Log Pow)	0,36
Bioaccumulative potential	Low bioaccumulation potential.

Hydrocarbons, C9, aromatics

Bioaccumulative potential	Not established.
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Xylene (1330-20-7)

Bioconcentration factor (BCF REACH)	25,9
Partition coefficient n-octanol/water (Log Pow)	3,16
Partition coefficient n-octanol/water (Log Kow)	3,16
Bioaccumulative potential	Considered not bioaccumulable.

Naphtha (petroleum), hydrotreated heavy (64742-48-9)

Partition coefficient n-octanol/water (Log Pow)	5 – 6,7
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1-methoxy-2-propanol (107-98-2)

Bioconcentration factor (BCF REACH)	< 2
Partition coefficient n-octanol/water (Log Pow)	-0,437
Partition coefficient n-octanol/water (Log Kow)	-0,437
Bioaccumulative potential	Low bioaccumulation potential.

Ethylbenzene (100-41-4)

Partition coefficient n-octanol/water (Log Pow)	3,5
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

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Ecology - soil	Not established.
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Titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)

Ecology - soil	Low adsorption.
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Solvent naphtha (petroleum), light aromatic (64742-95-6)

Ecology - soil	Not established.
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2-methoxy-1-methylethyl acetate (108-65-6)

Surface tension	27,6 mN/m
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0,23 (estimated)
Ecology - soil	High adsorption. Not established.

Hydrocarbons, C9, aromatics

Ecology - soil	Not established.
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Xylene (1330-20-7)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2,73
Ecology - soil	Low adsorption. Not established.

1-methoxy-2-propanol (107-98-2)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	-0,7 – 0 (estimated)
Ecology - soil	High adsorption.

Ethylbenzene (100-41-4)

Ecology - soil	Not established.
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12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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Component

Acetone (67-64-1)	This product is not considered persistent, bioaccumulative, or toxic (PBT).
Titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter \leq 10 μ m] (13463-67-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Solvent naphtha (petroleum), light aromatic (64742-95-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
2-methoxy-1-methylethyl acetate (108-65-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Hydrocarbons, C9, aromatics	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Xylene (1330-20-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1-methoxy-2-propanol (107-98-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Ethylbenzene (100-41-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Container under pressure. Do not drill or burn even after use. Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Handle empty containers with care because residual vapours are flammable. Uncleaned containers must be considered as hazardous products, in the same way as the product contained therein.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 16 05 04* - gases in pressure containers (including halons) containing dangerous substances 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances
HP Code	: H3-A - Highly flammable : - liquid substances and preparations having a flash point below 21 °C (including extremely flammable liquids), or - substances and preparations which may become hot and finally catch fire in contact with air at ambient temperature without any application of energy, or - solid substances and preparations which may readily catch fire after brief contact with a source of ignition and which continue to burn or to be consumed after removal of the source of ignition, or - gaseous substances and preparations which are flammable in air at normal pressure, or - substances and preparations which, in contact with water or damp air, evolve highly flammable gases in dangerous quantities.

SECTION 14: Transport information

No supplementary information available

14.1. UN number or ID number

UN-No : 1950

14.2. UN proper shipping name

Proper Shipping Name : AEROSOLS

14.3. Transport hazard class(es)

Class (ADR) : 2 - Gases
Division (IATA) : 2.1
Danger labels : 2.1

14.4. Packing group

:

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR) : 5F

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Special provisions (ADR) : 190, 327, 344, 625
Limited quantities (ADR) : 1I
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P207, LP02
Special packing provisions (ADR) : PP87, RR6, L2
Mixed packing provisions (ADR) : MP9
Transport category (ADR) : 2
Special provisions for carriage - Packages (ADR) : V14
Special provisions for carriage - Loading, unloading and handling (ADR) : CV9, CV12
Special provisions for carriage - Operation (ADR) : S2
Tunnel restriction code (ADR) : D

14.6.2. Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959
Limited quantities (IMDG) : SP277
Excepted quantities (IMDG) : E0
Packing instructions (IMDG) : P207, LP02
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None

Stowage and segregation (IMDG)

Protected from sources of heat For AEROSOLS with a maximum capacity of 1 litre: Category A. Segregation as for class 9 but 'Separated from' class 1 except division 1.4. For AEROSOLS with a capacity above 1 litre: Category B. Segregation as for the appropriate sub-division of class 2. For WASTE AEROSOLS: Category C. Clear of living quarters. Segregation as for the appropriate sub-division of class 2.

14.6.3. Air transport

CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg
PCA packing instructions (IATA) : 203
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kg
PCA max net quantity (IATA) : 75kg
PCA Excepted quantities (IATA) : E0
Special provisions (IATA) : A145, A167
ERG code (IATA) : 10L

14.6.4. Inland waterway transport

Classification code (ADN) : 5F
Special provisions (ADN) : 19, 327, 344, 625
Limited quantities (ADN) : 1 L
Excepted quantities (ADN) : E0
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01, VE04
Number of blue cones/lights (ADN) : 1

14.7. Maritime transport in bulk according to IMO instruments

Not established.

SECTION 15 : Regulatory information

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

15.1.1. EU-Regulations

Contains no substance with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substance

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

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Name	CAS-No.	Combined Nomenclature code (CN)	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Acetone	67-64-1	2914 11 00	ex 3824 99 92

Please see https://ec.europa.eu/home-affairs/system/files/2021-11/list_of_competent_authorities_and_national_contact_points_en.pdf

DIRECTIVE 2004/42/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products

VOC content estimate : 550 g/l
European VOC content limit value (Directive: 2004/42/CE - Annex II-Part A) : Not concerned

15.1.2. National regulations

France

Code	Occupational diseases chart
RG 4 BIS	Gastrointestinal disorders caused by benzene, toluene, xylenes and all products containing them
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

Germany

Water hazard class (WGK) : Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters (AwSV)
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Switzerland

Storage class (LK) : LK 2 - Liquefied or pressurized gases

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP), amending REGULATION (EC) 1907/2006 (REACH).

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Aerosol 1	Aerosol, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. Not classified	Carcinogenicity Not classified
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains . May produce an allergic reaction.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H222	Extremely flammable aerosol.

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Full text of H- and EUH-statements:

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Muta. Not classified	Germ cell mutagenicity Not classified
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.