

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 10/13/2022

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

#### 1.1. Product identifier

Product form : Mixture

Trade name : 1K Clear coat - 400ml UFI : 8EC7-9HK0-XP9N-9JDV

Product code : TSP 180

Container fitted with a sealed spray attachment Vaporizer

Product group : Aerosols

#### 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

Use of the substance/mixture : Coatings and paints, thinners, paint removers

#### 1.2.2. Uses advised against

No additional information available

# 1.3. Details of the supplier of the safety data sheet

#### Importer

Paint Smart Group NZ 6 Killarney Lane Hamilton T +64 7 847 0933 - F +64 7 847 0932

www.paintsmart.co.nz

#### Supplier

Chemicar Europe Baarbeek 2 2070 Zwijndrecht, Belgium T+32 3 234 87 80 www.finixa.com

# 1.4. Emergency telephone number

Emergency number : Poisons Information Centre New Zealand

0800 764 766

# **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1 H222;H229 Serious eye damage/eye irritation, Category 2 H319 Specific target organ toxicity - Single exposure, Category 3, Narcosis H336

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

HSR002517 - Flammable, toxic

#### Adverse physicochemical, human health and environmental effects

No additional information available

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#### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :





GHS02

S02 GHS07

Signal word (CLP) : Danger

Contains : acetone; propan-2-one; propanone, n-butyl acetate, 1-methoxy-2-propanol; monopropylene

glycol methyl ether, ethyl acetate

Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P260 - Do not breathe spray.

P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves, eye protection.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P403 - Store in a well-ventilated place.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation. EUH066 - Repeated exposure may cause skin dryness or cracking.

**Nordic countries regulation** 

Denmark

**EUH-statements** 

MAL code : 4-3

#### 2.3. Other hazards

PBT: not relevant – no registration required vPvB: not relevant – no registration required

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

# **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
dimethyl ether	CAS-No.: 115-10-6 EC-No.: 204-065-8 EC Index-No.: 603-019-00-8	25 – 50	Flam. Gas 1A, H220 Press. Gas
n-butyl acetate	CAS-No.: 123-86-4 EC-No.: 204-658-1 EC Index-No.: 607-025-00-1	25 – 50	Flam. Liq. 3, H226 STOT SE 3, H336

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
acetone; propan-2-one; propanone	CAS-No.: 67-64-1 EC-No.: 200-662-2 EC Index-No.: 606-001-00-8	10 – 25	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
1-methoxy-2-propanol; monopropylene glycol methyl ether	CAS-No.: 107-98-2 EC-No.: 203-539-1 EC Index-No.: 603-064-00-3	2.5 – 10	Flam. Liq. 3, H226 STOT SE 3, H336
ethyl acetate	CAS-No.: 141-78-6 EC-No.: 205-500-4 EC Index-No.: 607-022-00-5	2.5 – 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
2-butoxyethyl acetate; butylglycol acetate	CAS-No.: 112-07-2 EC-No.: 203-933-3 EC Index-No.: 607-038-00-2	2.5 – 10	Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312
Methyl methacrylate	CAS-No.: 80-62-6 EC-No.: 201-297-1	0.1 – 1	Not classified

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 after inhalation : Allow affected person to breathe fresh air. If you feel unwell, seek medical advice.

First-aid measures after skin contact : No irritant effect.

First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open.

First-aid measures after ingestion : Do NOT induce vomiting. Get immediate medical advice/attention.

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

No additional information available

#### 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 : Water fog. extinguishing powder. carbon dioxide (CO2). Alcohol resistant foam.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Protection during firefighting : [In case of inadequate ventilation] wear respiratory protection.

# **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Warn road users and passers by to keep away from danger area.

### 6.1.1. For non-emergency personnel

Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene.

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#### 6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Provide adequate ventilation.

Other information : Ensure there is adequate ventilation.

#### 6.4. Reference to other sections

SECTION 7. SECTION 8. 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. Keep away from sources of ignition

- No smoking. Do not pierce or burn, even after use. Take precautionary measures against static discharge. Handle and open container with care. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even

after use.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Store in a dry place. Store in a closed container. Protect from sunlight. Store in a well-

ventilated place. Store in accordance with local, regional, national or international

regulation.

Storage area : Store away from heat. Store in a well-ventilated place.

Special rules on packaging : Store in a closed container. Container should not be closed gas-tight.

# 7.3. Specific end use(s)

No additional information available

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# SECTION 8: Exposure controls/personal protection

# 8.1. Control parameters

# 8.1.1 National occupational exposure and biological limit values

Ingredients with limit values that require monitoring at the workplace:					
Dimethyl ether (115-10-6)	Dimethyl ether (115-10-6)				
WEL	Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm				
123-86-4 n-butyl acetat	e				
WEL	Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm				
67-64-1 Acetone					
WEL	Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm				
141-78-6 ethyl acetate					
WEL	Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm				
107-98-2 1-methoxy-2-j	propanol				
WEL	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm Sk				
112-07-2 2-butoxyethyl	acetate				
WEL	Short-term value: 332 mg/m³, 50 ppm Long-term value: 133 mg/m³, 20 ppm Sk				
80-62-6 methyl methacrylate					
VEL Short-term value: 416 mg/m³, 100 ppm Long-term value: 208 mg/m³, 50 ppm					
DNEL's					
123-86-4 n-butyl acetat	123-86-4 n-butyl acetate				
Oral	DNEL Acute-systemic	2 mg/kg bw/day (Consumer)			
	DNEL Long term-systemic	2 mg/kg bw/day (Consumer)			
Dermal	DNEL Acute-systemic	5 mg/kg bw/day (Consumer)			
		11 mg/kg bw/day (Worker)			
	DNEL Long term-systemic	5 mg/kg bw/day (Consumer)			
		11 mg/kg bw/day (Worker)			
Inhalative	DNEL Aigu-systémique	859.7 mg/m3 (Consumer)			
		600 mg/m3 (Worker)			
	DNEL Acute-local	300 mg/m3 (Consumer)			
		600 mg/m3 (Worker)			
	DNEL Long term-systemic	35.7 mg/m3 (Consumer)			
		300 mg/m3 (Worker)			

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DNEL Long term-systemic   200 mg/m3 (Consumer)	300 mg/m3 (Worker)	
Oral   DNEL Long term-systemic   62 mg/kg bw/day (Consumer)	DNEL Long term-systemic   62 mg/kg bw/day (Consumer)	
DNEL Long term-systemic   62 mg/kg bw/day (Consumer)	DNEL Long term-systemic   62 mg/kg bw/day (Consumer)	
Demail   DNEL Long term-systemic   62 mg/kg bw/day (Consumer)	DNEL Long term-systemic   62 mg/kg bw/day (Consumer)	
186 mg/kg bw/day (Worker)	186 mg/kg bw/day (Worker)	
Inhalative	DNEL Acute-local   2420 mg/m3 (Worker)	
DNEL Long term-systemic   200 mg/m3 (Consumer)	DNEL Long term-systemic   200 mg/m3 (Consumer)	
1210 mg/m3 (Worker)	DNEL Long term-systemic 4.5 mg/kg bw/day (Consumer)  DNEL Long term-systemic 37 mg/kg bw/day (Consumer)  DNEL Aigu-systémique 734 mg/m3 (Consumer)  DNEL Acute-local 734 mg/m3 (Consumer)  DNEL Long term-systemic 367 mg/m3 (Worker)  DNEL Long term-systemic 367 mg/m3 (Consumer)  A mg/m3 (Worker)  DNEL Long term-local 367 mg/m3 (Consumer)  A mg/m3 (Worker)  DNEL Long term-local 367 mg/m3 (Consumer)  A mg/m3 (Worker)  DNEL Long term-local 367 mg/m3 (Consumer)  The methoxy-2-propanol  DNEL Long term-systemic 3.3 mg/kg bw/day (Consumer)  DNEL Long term-systemic 18.1 mg/kg bw/day (Consumer)	
141-78-6 ethyl acetate	DNEL Long term-systemic  DNEL Long term-systemic  DNEL Long term-systemic  37 mg/kg bw/day (Consumer)  63 mg/kg bw/day (Worker)  DNEL Aigu-systémique  734 mg/m3 (Consumer)  DNEL Acute-local  734 mg/m3 (Consumer)  1468 mg/m3 (Worker)  DNEL Long term-systemic  367 mg/m3 (Consumer)  DNEL Long term-local  367 mg/m3 (Consumer)  34 mg/m3 (Worker)  DNEL Long term-local  367 mg/m3 (Consumer)  734 mg/m3 (Worker)  DNEL Long term-systemic  367 mg/m3 (Consumer)  734 mg/m3 (Worker)  DNEL Long term-systemic  367 mg/m3 (Consumer)  734 mg/m3 (Worker)  DNEL Long term-systemic  18.1 mg/kg bw/day (Consumer)	
Oral         DNEL Long term-systemic         4.5 mg/kg bw/day (Consumer)           Dermal         DNEL Long term-systemic         37 mg/kg bw/day (Consumer)           Inhalative         DNEL Aigu-systémique         734 mg/m3 (Consumer)           Inhalative         DNEL Acute-local         734 mg/m3 (Consumer)           DNEL Long term-systemic         367 mg/m3 (Consumer)           DNEL Long term-systemic         367 mg/m3 (Consumer)           DNEL Long term-local         367 mg/m3 (Worker)           107-98-2 1-methoxy-2-propanol         3.3 mg/kg bw/day (Consumer)           Oral         DNEL Long term-systemic         3.3 mg/kg bw/day (Consumer)           Dermal         DNEL Long term-systemic         18.1 mg/kg bw/day (Consumer)           Inhalative         DNEL Acute-local         553.5 mg/m3 (Worker)           Inhalative         DNEL Acute-systemic         43.9 mg/m3 (Consumer)           Interpretation         369 mg/m3 (Worker)           Interpretation         36 mg/kg bw/day (Consumer)           Dermal         DNEL Acute-systemic         8.6 mg/kg bw/day (Consumer)           Dermal         DNEL Acute-	DNEL Long term-systemic  DNEL Long term-systemic  37 mg/kg bw/day (Consumer)  63 mg/kg bw/day (Worker)  DNEL Aigu-systémique  734 mg/m3 (Consumer)  1468 mg/m3 (Worker)  DNEL Acute-local  734 mg/m3 (Consumer)  1468 mg/m3 (Worker)  DNEL Long term-systemic  367 mg/m3 (Consumer)  34 mg/m3 (Worker)  DNEL Long term-local  367 mg/m3 (Consumer)  34 mg/m3 (Worker)  DNEL Long term-local  367 mg/m3 (Consumer)  734 mg/m3 (Worker)  DNEL Long term-systemic  367 mg/m3 (Consumer)  734 mg/m3 (Worker)  DNEL Long term-systemic  3.3 mg/kg bw/day (Consumer)  DNEL Long term-systemic  18.1 mg/kg bw/day (Consumer)	
Dermal   DNEL Long term-systemic   37 mg/kg bw/day (Consumer)   63 mg/kg bw/day (Worker)	DNEL Long term-systemic  DNEL Aigu-systémique  T34 mg/m3 (Consumer)  1468 mg/m3 (Worker)  DNEL Acute-local  T34 mg/m3 (Consumer)  1468 mg/m3 (Consumer)  DNEL Long term-systemic  T34 mg/m3 (Consumer)  T468 mg/m3 (Worker)  DNEL Long term-systemic  T34 mg/m3 (Consumer)  T34 mg/m3 (Worker)  DNEL Long term-local  T34 mg/m3 (Worker)  DNEL Long term-systemic  T34 mg/m3 (Worker)  DNEL Long term-systemic  T34 mg/m3 (Worker)  DNEL Long term-systemic  T34 mg/kg bw/day (Consumer)  DNEL Long term-systemic  T35 mg/kg bw/day (Consumer)  T48 mg/kg bw/day (Consumer)	
Samg/kg bw/day (Worker)	63 mg/kg bw/day (Worker)     DNEL Aigu-systémique	
Inhalative	DNEL Aigu-systémique   734 mg/m3 (Consumer)	
1468 mg/m3 (Worker)	1468 mg/m3 (Worker)     DNEL Acute-local   734 mg/m3 (Consumer)     1468 mg/m3 (Worker)     DNEL Long term-systemic   367 mg/m3 (Consumer)     DNEL Long term-local   367 mg/m3 (Consumer)     DNEL Long term-local   367 mg/m3 (Consumer)     734 mg/m3 (Worker)	
DNEL Acute-local   734 mg/m3 (Consumer)   1468 mg/m3 (Worker)   1468 mg/m3 (Worker)   367 mg/m3 (Consumer)   34 mg/m3 (Worker)   34 mg/m3 (Worker)   367 mg/m3 (Consumer)   374 mg/m3 (Worker)   107-98-2 1-methoxy-2-propanol   20 NEL Long term-systemic   3.3 mg/kg bw/day (Consumer)   20 NEL Long term-systemic   3.3 mg/kg bw/day (Consumer)   20 NEL Long term-systemic   20 mg/kg bw/day (Consumer)   20 NEL Long term-systemic   20 mg/kg bw/day (Consumer)   20 mg/kg bw/day (Worker)   20 NEL Long term-systemic   333 mg/m3 (Worker)   20 NEL Long term-systemic   333 mg/m3 (Worker)   20 NEL Long term-systemic   200 mg/m3 (Consumer)   200	DNEL Acute-local 734 mg/m3 (Consumer) 1468 mg/m3 (Worker)  DNEL Long term-systemic 367 mg/m3 (Consumer) 34 mg/m3 (Worker)  DNEL Long term-local 367 mg/m3 (Consumer) 734 mg/m3 (Consumer) 734 mg/m3 (Worker)  I-methoxy-2-propanol  DNEL Long term-systemic 3.3 mg/kg bw/day (Consumer) DNEL Long term-systemic 18.1 mg/kg bw/day (Consumer)	
1468 mg/m3 (Worker)	DNEL Long term-systemic 367 mg/m3 (Worker)  DNEL Long term-systemic 367 mg/m3 (Consumer)  34 mg/m3 (Worker)  DNEL Long term-local 367 mg/m3 (Consumer)  734 mg/m3 (Worker)  L-methoxy-2-propanol  DNEL Long term-systemic 3.3 mg/kg bw/day (Consumer)  DNEL Long term-systemic 18.1 mg/kg bw/day (Consumer)	
DNEL Long term-systemic   367 mg/m3 (Consumer)   34 mg/m3 (Worker)   367 mg/m3 (Consumer)   367 mg/m3 (Consumer)   734 mg/m3 (Consumer)   734 mg/m3 (Worker)   107-98-2 1-methoxy-2-propanol   3.3 mg/kg bw/day (Consumer)   50.6 mg/kg bw/day (Consumer)   50.6 mg/kg bw/day (Worker)   50.6 mg/kg bw/day (Consumer)   50.6 mg/kg bw/	DNEL Long term-systemic  367 mg/m3 (Consumer)  34 mg/m3 (Worker)  DNEL Long term-local  367 mg/m3 (Consumer)  734 mg/m3 (Consumer)  734 mg/m3 (Worker)  I-methoxy-2-propanol  DNEL Long term-systemic  3.3 mg/kg bw/day (Consumer)  DNEL Long term-systemic  18.1 mg/kg bw/day (Consumer)	
DNEL Long term-local   34 mg/m3 (Worker)	34 mg/m3 (Worker)  DNEL Long term-local 367 mg/m3 (Consumer) 734 mg/m3 (Worker)  I-methoxy-2-propanol  DNEL Long term-systemic 3.3 mg/kg bw/day (Consumer)  DNEL Long term-systemic 18.1 mg/kg bw/day (Consumer)	
DNEL Long term-local   367 mg/m3 (Consumer)	DNEL Long term-local 367 mg/m3 (Consumer)  734 mg/m3 (Worker)  I-methoxy-2-propanol  DNEL Long term-systemic 3.3 mg/kg bw/day (Consumer)  DNEL Long term-systemic 18.1 mg/kg bw/day (Consumer)	
T34 mg/m3 (Worker)   107-98-2 1-methoxy-2-propanol     Oral	734 mg/m3 (Worker)  I-methoxy-2-propanol  DNEL Long term-systemic 3.3 mg/kg bw/day (Consumer)  DNEL Long term-systemic 18.1 mg/kg bw/day (Consumer)	
Oral DNEL Long term-systemic 3.3 mg/kg bw/day (Consumer) Dermal DNEL Long term-systemic 18.1 mg/kg bw/day (Consumer)  50.6 mg/kg bw/day (Worker) Inhalative DNEL Acute-local 553.5 mg/m3 (Worker)  DNEL Long term-systemic 43.9 mg/m3 (Consumer)  369 mg/m3 (Worker)  112-07-2 2-butoxyethyl acetate  Oral DNEL Acute-systemic 36 mg/kg bw/day (Consumer)  DNEL Long term-systemic 8.6 mg/kg bw/day (Consumer)  Dermal DNEL Acute-systemic 72 mg/kg bw/day (Consumer)  DONEL Acute-systemic 102 mg/kg bw/day (Consumer)  DNEL Long term-systemic 102 mg/kg bw/day (Consumer)  DNEL Long term-systemic 102 mg/kg bw/day (Worker)  Inhalative DNEL Aigu-systémique 333 mg/m3 (Worker)  DNEL Long term-systemic 80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local 200 mg/m3 (Consumer)	DNEL Long term-systemic   3.3 mg/kg bw/day (Consumer)     DNEL Long term-systemic   18.1 mg/kg bw/day (Consumer)	
Oral       DNEL Long term-systemic       3.3 mg/kg bw/day (Consumer)         Dermal       DNEL Long term-systemic       18.1 mg/kg bw/day (Consumer)         50.6 mg/kg bw/day (Worker)       50.6 mg/kg bw/day (Worker)         Inhalative       DNEL Acute-local       553.5 mg/m3 (Worker)         DNEL Long term-systemic       43.9 mg/m3 (Consumer)         369 mg/m3 (Worker)       369 mg/m3 (Worker)         112-07-2 2-butoxyethyl acetate         Oral       DNEL Acute-systemic       36 mg/kg bw/day (Consumer)         Dermal       DNEL Long term-systemic       8.6 mg/kg bw/day (Consumer)         Dermal       DNEL Acute-systemic       72 mg/kg bw/day (Consumer)         120 mg/kg bw/day (Worker)       120 mg/kg bw/day (Consumer)         Inhalative       DNEL Aigu-systémique       333 mg/m3 (Worker)         Inhalative       DNEL Long term-systemic       80 mg/m3 (Consumer)         Inhalative       DNEL Long term-systemic       80 mg/m3 (Consumer)         Inhalative       DNEL Long term-systemic       80 mg/m3 (Consumer)         Inhalative       DNEL Long term-local       200 mg/m3 (Consumer)	DNEL Long term-systemic 3.3 mg/kg bw/day (Consumer)  DNEL Long term-systemic 18.1 mg/kg bw/day (Consumer)	
Dermal DNEL Long term-systemic 18.1 mg/kg bw/day (Consumer)  50.6 mg/kg bw/day (Worker)  Inhalative DNEL Acute-local 553.5 mg/m3 (Worker)  DNEL Long term-systemic 43.9 mg/m3 (Consumer)  369 mg/m3 (Worker)  112-07-2 2-butoxyethyl acetate  Oral DNEL Acute-systemic 36 mg/kg bw/day (Consumer)  DNEL Long term-systemic 8.6 mg/kg bw/day (Consumer)  Dermal DNEL Acute-systemic 72 mg/kg bw/day (Consumer)  Dermal DNEL Long term-systemic 120 mg/kg bw/day (Worker)  DNEL Long term-systemic 102 mg/kg bw/day (Consumer)  Inhalative DNEL Aigu-systémique 333 mg/m3 (Worker)  DNEL Long term-systemic 80 mg/m3 (Consumer)  DNEL Long term-systemic 200 mg/m3 (Consumer)  DNEL Long term-local 200 mg/m3 (Consumer)	DNEL Long term-systemic 18.1 mg/kg bw/day (Consumer)	
Solicitive   DNEL Acute-local   Solicitive   Solicitive   Solicitive   DNEL Long term-systemic   Solicitive   Solicitive		
Inhalative DNEL Acute-local 553.5 mg/m3 (Worker)  DNEL Long term-systemic 43.9 mg/m3 (Consumer)  369 mg/m3 (Worker)  112-07-2 2-butoxyethyl acetate  Oral DNEL Acute-systemic 36 mg/kg bw/day (Consumer)  DNEL Long term-systemic 8.6 mg/kg bw/day (Consumer)  Dermal DNEL Acute-systemic 72 mg/kg bw/day (Consumer)  Dermal DNEL Acute-systemic 120 mg/kg bw/day (Worker)  DNEL Long term-systemic 102 mg/kg bw/day (Consumer)  Inhalative DNEL Aigu-systémique 333 mg/m3 (Worker)  DNEL Long term-systemic 80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local 200 mg/m3 (Consumer)	50 2 1 . 1 . /1 . /37 . 1 . 1	
DNEL Long term-systemic  43.9 mg/m3 (Consumer)  369 mg/m3 (Worker)  112-07-2 2-butoxyethyl acetate  Oral  DNEL Acute-systemic  DNEL Long term-systemic  36 mg/kg bw/day (Consumer)  8.6 mg/kg bw/day (Consumer)  Dermal  DNEL Acute-systemic  72 mg/kg bw/day (Consumer)  120 mg/kg bw/day (Worker)  DNEL Long term-systemic  102 mg/kg bw/day (Worker)  169 mg/kg bw/day (Worker)  Inhalative  DNEL Aigu-systémique  333 mg/m3 (Worker)  DNEL Long term-systemic  80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local  200 mg/m3 (Consumer)	50.6 mg/kg bw/day (Worker)	
369 mg/m3 (Worker)	DNEL Acute-local 553.5 mg/m3 (Worker)	
369 mg/m3 (Worker)	DNEL Long term-systemic 43.9 mg/m3 (Consumer)	
Oral DNEL Acute-systemic 36 mg/kg bw/day (Consumer)  DNEL Long term-systemic 8.6 mg/kg bw/day (Consumer)  Dermal DNEL Acute-systemic 72 mg/kg bw/day (Consumer)  120 mg/kg bw/day (Worker)  DNEL Long term-systemic 102 mg/kg bw/day (Consumer)  169 mg/kg bw/day (Worker)  Inhalative DNEL Aigu-systémique 333 mg/m3 (Worker)  DNEL Long term-systemic 80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local 200 mg/m3 (Consumer)	369 mg/m3 (Worker)	
DNEL Long term-systemic  Dermal  DNEL Acute-systemic  To mg/kg bw/day (Consumer)  120 mg/kg bw/day (Worker)  DNEL Long term-systemic  102 mg/kg bw/day (Consumer)  169 mg/kg bw/day (Worker)  Inhalative  DNEL Aigu-systémique  333 mg/m3 (Worker)  DNEL Long term-systemic  80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local  200 mg/m3 (Consumer)	2-butoxyethyl acetate	
Dermal DNEL Acute-systemic 72 mg/kg bw/day (Consumer)  120 mg/kg bw/day (Worker)  DNEL Long term-systemic 102 mg/kg bw/day (Consumer)  169 mg/kg bw/day (Worker)  Inhalative DNEL Aigu-systémique 333 mg/m3 (Worker)  DNEL Long term-systemic 80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local 200 mg/m3 (Consumer)	DNEL Acute-systemic 36 mg/kg bw/day (Consumer)	
Dermal DNEL Acute-systemic 72 mg/kg bw/day (Consumer)  120 mg/kg bw/day (Worker)  DNEL Long term-systemic 102 mg/kg bw/day (Consumer)  169 mg/kg bw/day (Worker)  Inhalative DNEL Aigu-systémique 333 mg/m3 (Worker)  DNEL Long term-systemic 80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local 200 mg/m3 (Consumer)	DNEL Long term-systemic 8.6 mg/kg bw/day (Consumer)	
DNEL Long term-systemic  DNEL Long term-systemic  102 mg/kg bw/day (Worker)  169 mg/kg bw/day (Worker)  Inhalative  DNEL Aigu-systémique  333 mg/m3 (Worker)  DNEL Long term-systemic  80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local  200 mg/m3 (Consumer)		
DNEL Long term-systemic  102 mg/kg bw/day (Consumer)  169 mg/kg bw/day (Worker)  Inhalative  DNEL Aigu-systémique  333 mg/m3 (Worker)  DNEL Long term-systemic  80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local  200 mg/m3 (Consumer)		
Inhalative DNEL Aigu-systémique 333 mg/m3 (Worker)  DNEL Long term-systemic 80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local 200 mg/m3 (Consumer)		
Inhalative DNEL Aigu-systémique 333 mg/m3 (Worker)  DNEL Long term-systemic 80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local 200 mg/m3 (Consumer)		
DNEL Long term-systemic  80 mg/m3 (Consumer)  133 mg/m3 (Worker)  DNEL Long term-local  200 mg/m3 (Consumer)		
DNEL Long term-local 200 mg/m3 (Consumer)		
DNEL Long term-local 200 mg/m3 (Consumer)		
	200 Hg/H3 (Consumer)	

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Ingredients with limit values that	Ingredients with limit values that require monitoring at the workplace:		
Dimethyl ether (115-10-6)			
PNEC Freshwater	0.18 mg/l (Undefind)		
PNEC Marine water	0.015 mg/l (Undefind)		
PNEC Freshwater sediment	0.981 mg/l(dry weight) (Undefind)		
PNEC Intermittent release	0.36 (Undefind)		
PNEC Soil	0.0903 mg/kg (Undefind)		
PNEC Sewage Treatment Plant	35.6 mg/l (Undefind)		
PNEC Marine water sediment	0.0981 mg/l(dry weight) (Undefind)		
67-64-1 Acetone			
PNEC Marine water	1.06 mg/l (Undefind)		
PNEC Freshwater sediment	30.4 mg/l(dry weight) (Undefind)		
PNEC Soil	29.5 mg/kg (Undefind)		
PNEC Marine water sediment	3.04 mg/l(dry weight) (Undefind)		
141-78-6 ethyl acetate			
PNEC Freshwater	0.26 mg/l (Undefind)		
PNEC Marine water	0.026 mg/l (Undefind)		
PNEC Freshwater sediment	0.34 mg/l(dry weight) (Undefind)		
PNEC Soil	0.22 mg/kg (Undefind)		
PNEC Sewage Treatment Plant	650 mg/l (Undefind)		
PNEC Marine water sediment	0.034 mg/l(dry weight) (Undefind)		
107-98-2 1-methoxy-2-propanol	107-98-2 1-methoxy-2-propanol		
PNEC Freshwater	10 mg/l (Undefind)		
PNEC Freshwater sediment	41.6 mg/l(dry weight) (Undefind)		
PNEC Soil	2.47 mg/kg (Undefind)		

# 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

### Appropriate engineering controls:

Always wash your hands immediately after handling this product, and once again before leaving the workplace.

# 8.2.2. Personal protection equipment

### Personal protective equipment symbol(s):





#### 8.2.2.1. Eye and face protection

### Eye protection:

Safety glasses

Eye protection			
Туре	Field of application	Characteristics	Standard
			EN 166

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#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

Skin and body protection		
	Туре	Standard
		EN 13034

#### Hand protection:

Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Since the product consists of several substances, the durability of the glove material cannot be estimated and needs to be tested before use. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
	' '	5 (> 240 minutes), 6 (> 480 minutes)	> 0.5		EN ISO 374

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Respiratory protection			
Device	Filter type	Condition	Standard
	Type P2	In the event of insufficient ventilation:	
Self-contained breathing apparatus (SCBA)	Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust	Long term exposure	

#### 8.2.2.4. Thermal hazards

No additional information available

# 8.2.3. Environmental exposure controls

No additional information available

### **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Physical state : Gas
Colour : Colourless.
Odour : characteristic.
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available

Melting point : 0 °C

Freezing point : No data available

Boiling point : -24.8 °C (115-10-6 Dimethylether)
Flash point : -42 °C (115-10-6 Dimethylether)
Auto-ignition temperature : 235 °C (115-10-6 Dimethylether)

Decomposition temperature : No data available Flammability (solid, gas) : Not self-igniting Vapour pressure : No data available

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Relative vapour density at 20°C : No data available Relative density : No data available Density : 0.808 g/cm3 (20°C) Solubility completely miscible. Partition coefficient n-octanol/water (Log Pow) : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available Explosive properties : No data available Oxidising properties : No data available

Lower explosive limit (LEL) : 1.7 vol % (112-07-2 2-butoxy-ethylacetaat)

Upper explosive limit (UEL) : 26 vol % (115-10-6 Dimethylether)

#### 9.2. Other information

VOC content : 743 g/l VOC-CH: 91.94%

Organic solvents : 92% Additional information : 5.5%

# **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No additional information available

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

# 10.4. Conditions to avoid

No dangerous reactions known under normal conditions of use.

#### 10.5. Incompatible materials

No information available.

# 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

LD/LC50 values relevant for classification:		
123-86-4 n-butyl acetate		
Oral LD50	10760 mg/kg (Rat)	
Dermal LD50	>14000 mg/kg (Rabbit)	
Inhalative LC50/4h	>23.4 mg/l (Rat)	
67-64-1 Acetone		
Oral LD50	5800 mg/kg (Rat) (Acute Oral Toxicity)	
Dermal LD50	7800 mg/kg (Rabbit)	
Inhalative LC50/4h	>20 mg/l (Rat)	
141-78-6 ethyl acetate		
Oral LD50	4934 mg/kg (Rabbit)	
	5620 mg/kg (Rat)	
Dermal LD50	18000 mg/kg (Rat)	

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LD/LC50 values relevant for classification:	
123-86-4 n-butyl acetate	
Inhalative LC50/4h	29.3 mg/l (Rat)
107-98-2 1-methoxy-2-propanol	
Oral LD50	4016 mg/kg (Rat)
Dermal LD50	>2000 mg/kg (Rat)
Inhalative LC50/4h	28.8 mg/l (Rat)
Inhalative LC50/6h	27596 mg/m3 (Rat)
112-07-2 2-butoxyethyl acetate	
Oral LD50	2400 mg/kg (Rat)
Dermal LD50	1500 mg/kg (Rabbit)

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Aquatic toxicity:		
123-86-4 n-butyl acetate		
LC50 (96h)	18 mg/l (Fish)	
EC50 (48h)	44 mg/l (Daphnia magna)	
67-64-1 Acetone		
EC50	8800 mg/l (Daphnia magna)	
	8300 mg/l (Fish)	
141-78-6 ethyl acetate		
EC50 (48h)	0.164 mg/l (Daphnia magna)	
	3.3 mg/l (Scenedesmus subspicatus)	
EC50	7.4 mg/l (Pseudomonas fluorescens)	
107-98-2 1-methoxy-2-propanol		
LC50 (96h)	6812 mg/l (Fish)	
EC50 (48h)	23300 mg/l (Daphnia magna)	

# 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

# 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

### 1K Clear coat - 400ml

PBT: not relevant - no registration required

vPvB: not relevant - no registration required

# 12.6. Other adverse effects

No additional information available

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# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Regional legislation (waste) : Do not dispose of with domestic waste.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations. Discharging into rivers and drains is

forbidden.

# **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA	
14.1. UN number			
UN 1950	UN 1950	UN 1950	
14.2. UN proper shipping name			
AEROSOLS	AEROSOLS	Aerosols, flammable	
Transport document description			
UN 1950 AEROSOLS (), 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	
14.3. Transport hazard class(es)			
2.1	2.1	2.1	
2	2	2	
14.4. Packing group			
Not applicable	Not applicable	Not applicable	
14.5. Environmental hazards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	

# 14.6. Special precautions for user

#### **Overland transport**

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR): 1IExcepted quantities (ADR): E0Packing instructions (ADR): P207

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 : CV9, CV12

and handling (ADR)

Special provisions for carriage - Operation (ADR) : S2 Tunnel restriction code (ADR) : D

Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959

Limited quantities (IMDG) : SP277

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Excepted quantities (IMDG) : F0 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 handling (IMDG) : SW1, SW22 Segregation (IMDG) : SG69

Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A145, A167, A802

ERG code (IATA) : 10L

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

Not applicable

# **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

### **REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

#### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

### **PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

#### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

# Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### VOC Directive (2004/42)

VOC content : 743 g/l VOC-CH: 91.94%

#### **Explosives Precursors Regulation (2019/1148)**

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 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.

Name		Nomenclature	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

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#### **Drug Precursors Regulation (273/2004)**

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

Name	CN designation	CAS-No.	CN code	Category	Threshold	Annex
Acetone		67-64-1	2914 11 00	Category 3		Annex I

#### 15.1.2. National regulations

#### **France**

Occupational diseases		
Code	Description	
RG 82	Conditions caused by methyl methacrylate	
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) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

**Netherlands** 

Waterbezwaarlijkheid : 11 - Weinig schadelijk voor in het water levende organismen

SZW-lijst van kankerverwekkende stoffen : None of the components are listed SZW-lijst van mutagene stoffen : None of the components are listed SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed SZW-lijst van reprotoxische stoffen – : None of the components are listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen - Ontwikkeling

: None of the components are listed

Denmark

Class for fire hazard : Class I-1 Store unit : 1 liter

Classification remarks : F+ <Aerosol 1>; Emergency management guidelines for the storage of flammable liquids

must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with

the product

**Switzerland** 

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

# 15.2. Chemical safety assessment

No additional information available

#### **SECTION 16: Other information**

Abbreviations and acronyms:	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
PBT	Persistent Bioaccumulative Toxic

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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	
EUH066	Repeated exposure may cause skin dryness or cracking.	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Gas 1A	Flammable gases, Category 1A	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
H220	Extremely flammable gas.	
H222	Extremely flammable aerosol.	
H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H229	Pressurised container: May burst if heated.	
H312	Harmful in contact with skin.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H336	May cause drowsiness or dizziness.	
Press. Gas	Gases under pressure	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis	

Safety Data Sheet (SDS), EU

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.