




## SECTION 1: IDENTIFICATION

- 1.1 Product identifier:** EX017M1021M - MTN MAD MAXXX  
**Other means of identification:**
- 1.2 Recommended use of the chemical and restrictions on use:**  
Relevant uses: Spray paint  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of manufacturer or importer:**  
MONTANA COLORS, S.L.  
Pol. Ind. Pla de les Vives C/ Anaïs Nin 6  
08295 Sant Vicenç de Castellet - Barcelona - España  
Phone: +34 938332760 (9:00- 16:00h GMT +1:00)  
msds@montanacolors.com  
<https://www.montanacolors.com>
- DETAILS OF MANUFACTURER OR IMPORTER:  
MONTANA COLORS AUSTRALIA PTY LTD.  
Unit 3C, 430 Marion Street, Bankstown Airport, NSW 2200. AUSTRALIA  
Phone: +61 (0) 295505997  
Electronic address:  
e-mail: [australia@montanacolors.com](mailto:australia@montanacolors.com)
- 1.4 Emergency phone number:** +61 (0) 295505997 (9:00-17:00 h.) (working hours)

## SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the hazardous chemical:**  
**WHS:**  
Classification of this product has been carried out in accordance with Model Work Health and Safety Regulations (Hazardous Chemicals) Amendment 2022  
Aerosol 1: Pressurised container: May burst if heated., H229  
Aerosol 1: Aerosols, Category 1, H222  
Eye Irrit. 2A: Eye irritation, Category 2A, H319  
STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336
- 2.2 Label elements, including precautionary statements:**  
**WHS:**  
**Danger**
- 
- Hazard statements:**  
Aerosol 1: H229 - Pressurised container: May burst if heated.  
Aerosol 1: H222 - Extremely flammable aerosol.  
Eye Irrit. 2A: H319 - Causes serious eye irritation.  
STOT SE 3: H336 - May cause drowsiness or dizziness.
- Precautionary statements:**  
P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use.  
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.  
P261: Avoid breathing spray.  
P271: Use only outdoors or in a well-ventilated area.  
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.  
P501: Dispose of contents and / or their container according to the separated collection system used in your municipality.
- Supplementary information:**

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## SECTION 2: HAZARD(S) IDENTIFICATION (continued)

AUH066: Repeated exposure may cause skin dryness or cracking.

### Substances that contribute to the classification

Ethyl acetate (10 - <30 %); N-butyl acetate (10 - <30 %); 2-methoxy-1-methylethyl acetate (<10 %)

### 2.3 Other hazards which do not result in classification:

Non-applicable

## SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS, IN ACCORDANCE WITH SCHEDULE 8

### 3.1 Substances:

Non-applicable

### 3.2 Mixtures:

**Chemical description:** Aerosol

### Components:

In accordance with Schedule 8 (WHS Regulations), the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 141-78-6	<b>Ethyl acetate</b> Eye Irrit. 2A: H319; Flam. Liq. 2: H225; STOT SE 3: H336; AUH066 - Danger	10 - <30 %
CAS: 123-86-4	<b>N-butyl acetate</b> Flam. Liq. 3: H226; STOT SE 3: H336; AUH066 - Warning	10 - <30 %
CAS: 106-97-8	<b>Butane</b> Flam. Gas 1A: H220; Press. Gas: H280 - Danger	10 - <30 %
CAS: 74-98-6	<b>Propane</b> Flam. Gas 1A: H220; Press. Gas: H280 - Danger	10 - <30 %
CAS: 108-65-6	<b>2-methoxy-1-methylethyl acetate</b> Flam. Liq. 3: H226; STOT SE 3: H336 - Warning	<10 %
CAS: 75-28-5	<b>Isobutane</b> Flam. Gas 1A: H220; Press. Gas: H280 - Danger	<10 %
CAS: 13463-67-7	<b>Titanium dioxide</b>	<10 %
CAS: Non-applicable	<b>Reaction mass of ethylbenzene and m-xylene and p-xylene</b> Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2A: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	<10 %
CAS: 7631-86-9	<b>Silicon dioxide (RCS &lt; 1%)</b>	<10 %

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of necessary first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

#### By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

#### By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or shower the person affected if necessary thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

#### By eye contact:

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#### SECTION 4: FIRST AID MEASURES (continued)

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

**4.2 Symptoms caused by exposure:**

Acute and delayed effects are indicated in sections 2 and 11.

**4.3 Medical attention and special treatment:**

Non-applicable

#### SECTION 5: FIREFIGHTING MEASURES

**5.1 Suitable extinguishing equipment:**

**Suitable extinguishing media:**

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO<sub>2</sub>).

**Unsuitable extinguishing media:**

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

**5.2 Specific hazards arising from the chemical:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**5.3 Special protective equipment and precautions for fire fighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

**Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

**For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

**6.2 Environmental precautions:**

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

**6.3 Methods and materials for containment and cleaning up:**

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

**6.4 Reference to other sections:**

See sections 8 and 13.

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## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

#### A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

#### B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

#### C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

#### D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

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

#### A.- Technical measures for storage

Minimum Temp.:	5 °C
Maximum Temp.:	30 °C
Maximum time:	120 Months

#### B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1 Exposure control measures:

Substances whose occupational exposure limits have to be monitored in the workplace:

Workplace Exposure Standards for Airborne Contaminants 01/10/2022:

Identification	Occupational exposure limits		
	TWA	STEL	Other
Butane CAS: 106-97-8	800 ppm		1900 mg/m <sup>3</sup>
Silicon dioxide (RCS < 1%) CAS: 7631-86-9			2 mg/m <sup>3</sup>
2-methylpropan-1-ol CAS: 78-83-1	50 ppm		152 mg/m <sup>3</sup>
Ethylbenzene CAS: 100-41-4	100 ppm		434 mg/m <sup>3</sup>
	125 ppm		543 mg/m <sup>3</sup>
Xylene CAS: 1330-20-7	80 ppm		350 mg/m <sup>3</sup>
	150 ppm		655 mg/m <sup>3</sup>
N-butyl acetate CAS: 123-86-4	150 ppm		713 mg/m <sup>3</sup>
	200 ppm		950 mg/m <sup>3</sup>
Neodecanoic acid, zirconium salt CAS: 39049-04-2			5 mg/m <sup>3</sup>
			10 mg/m <sup>3</sup>
Calcium Carbonate CAS: 471-34-1			10 mg/m <sup>3</sup>
Dipropylene Glycol Methyl Ether CAS: 34590-94-8	50 ppm		308 mg/m <sup>3</sup>
Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Non-applicable	80 ppm		350 mg/m <sup>3</sup>
	150 ppm		655 mg/m <sup>3</sup>
phthalic anhydride CAS: 85-44-9	1 ppm		6.1 mg/m <sup>3</sup>
maleic anhydride CAS: 108-31-6	0.25 ppm		1 mg/m <sup>3</sup>
Titanium dioxide			10 mg/m <sup>3</sup>

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**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION (continued)**

Workplace Exposure Standards for Airborne Contaminants 01/10/2022:

Identification	Occupational exposure limits		
CAS: 13463-67-7	STEL		
2-methoxy-1-methylethyl acetate CAS: 108-65-6	TWA	50 ppm	274 mg/m <sup>3</sup>
	STEL	100 ppm	548 mg/m <sup>3</sup>
Ethyl acetate CAS: 141-78-6	TWA	200 ppm	720 mg/m <sup>3</sup>
	STEL	400 ppm	1440 mg/m <sup>3</sup>
Kaolin CAS: 1332-58-7	TWA		10 mg/m <sup>3</sup>
	STEL		


**8.2 Engineering controls:**

A.- Individual protection measures, for example personal protective equipment (PPE)


As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection


Pictogram	PPE	Remarks
 Mandatory respiratory tract protection	Filter mask for gases, vapours and particles	Replace when an increase in resistance to breathing is observed and/or a smell or taste of the contaminant is detected.

C.- Specific protection for the hands



Pictogram	PPE	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm)	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Remarks
 Mandatory face protection	Face shield	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Bodily protection



Pictogram	PPE	Remarks
 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	For professional use only. Clean periodically according to the manufacturer's instructions.
 Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties	Replace boots at any sign of deterioration.

F.- Additional emergency measures

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**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION (continued)**

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

Physical state at 20 °C: Aerosol  
 Appearance: Not available  
 Color: According to the markings on the package  
 Odor: Not available  
 Odour threshold: Non-applicable \*

**Volatility:**

Boiling point at atmospheric pressure: -1 °C (Propellant)  
 Vapour pressure at 20 °C: Non-applicable \*  
 Vapour pressure at 50 °C: <300000 Pa (300 kPa)  
 Evaporation rate at 20 °C: Non-applicable \*

**Product description:**

Density at 20 °C: 819 kg/m<sup>3</sup>  
 Relative density at 20 °C: 0.819  
 Dynamic viscosity at 20 °C: Non-applicable \*  
 Kinematic viscosity at 20 °C: Non-applicable \*  
 Kinematic viscosity at 40 °C: Non-applicable \*  
 Concentration: Non-applicable \*  
 pH: Non-applicable \*  
 Vapour density at 20 °C: Non-applicable \*  
 Partition coefficient n-octanol/water 20 °C: Non-applicable \*  
 Solubility in water at 20 °C: Non-applicable \*  
 Solubility properties: Non-applicable \*  
 Decomposition temperature: Non-applicable \*  
 Melting point/freezing point: Non-applicable \*  
 Recipient pressure: Non-applicable \*

**Flammability:**

Flash Point: Non-applicable  
 Flammability (solid, gas): Non-applicable \*  
 Autoignition temperature: 365 °C (Propellant)  
 Lower flammability limit: Non-applicable \*  
 Upper flammability limit: Non-applicable \*

**Particle characteristics:**

\*Not relevant due to the nature of the product, not providing information property of its hazards.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Median equivalent diameter: Non-applicable

### 9.2 Other information:

#### Information with regard to physical hazard classes:

Explosive properties: Non-applicable \*

Oxidising properties: Non-applicable \*

Corrosive to metals: Non-applicable \*

Heat of combustion: Non-applicable \*

Aerosols-total percentage (by mass) of flammable components: Non-applicable \*

#### Other safety characteristics:

Surface tension at 20 °C: Non-applicable \*

Refraction index: Non-applicable \*

\*Not relevant due to the nature of the product, not providing information property of its hazards.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

### 10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

### 10.6 Hazardous decomposition products:

In case of prolonged thermal treatment at temperatures greater than 200 °C, the decomposition products are aromatic amines (3,3'-dichlorobenzidine)

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

#### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

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**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
  - Contact with the eyes: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Ethylbenzene (2B); Xylene (3); Hydrocarbons, C9-C11,n-alkanes, iso-alkanes, cyclics, <2% aromatics (3); Neodecanoic acid, cobalt salt (2B); Reaction mass of ethylbenzene and m-xylene and p-xylene (3); Benzyl acetate (3); Titanium dioxide (2B); C.I.Pigment orange 34 (1)
  - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
  - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
  - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) - single exposure:
 

Exposure in high concentration can cause a breakdown in the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, however, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
  - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- H- Aspiration hazard:
 

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
Butane CAS: 106-97-8	LD50 oral	>5000 mg/kg	
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation	658 mg/L (4 h)	Rat
Propane CAS: 74-98-6	LD50 oral	>5000 mg/kg	
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation	>5 mg/L	
Isobutane CAS: 75-28-5	LD50 oral	>5000 mg/kg	
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation	>5 mg/L	
Silicon dioxide (RCS < 1%) CAS: 7631-86-9	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal	5100 mg/kg	Rabbit
	LC50 inhalation	>5 mg/L	
N-butyl acetate CAS: 123-86-4	LD50 oral	12789 mg/kg	Rat
	LD50 dermal	14112 mg/kg	Rabbit
	LC50 inhalation	23.4 mg/L (4 h)	Rat

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**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

Identification	Acute toxicity		Genus
	Route	Dose	
Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Non-applicable	LD50 oral	5627 mg/kg	Mouse
	LD50 dermal	1100 mg/kg	Rat
	LC50 inhalation	11 mg/L (ATEI)	
Titanium dioxide CAS: 13463-67-7	LD50 oral	10000 mg/kg	Rat
	LD50 dermal	10000 mg/kg	Rabbit
	LC50 inhalation	>5 mg/L	
2-methoxy-1-methylethyl acetate CAS: 108-65-6	LD50 oral	8532 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	Rat
	LC50 inhalation	30 mg/L (4 h)	Rat
Ethyl acetate CAS: 141-78-6	LD50 oral	4100 mg/kg	Rat
	LD50 dermal	20000 mg/kg	Rabbit
	LC50 inhalation	>20 mg/L	

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

**12.1 Ecotoxicity:**
**Acute toxicity:**

Identification	Concentration		Species	Genus
	Concentration	Exposure		
Ethyl acetate CAS: 141-78-6	LC50	230 mg/L (96 h)	Pimephales promelas	Fish
	EC50	717 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	3300 mg/L (48 h)	Scenedesmus subspicatus	Algae
N-butyl acetate CAS: 123-86-4	LC50	Non-applicable		
	EC50	Non-applicable		
	EC50	675 mg/L (72 h)	Scenedesmus subspicatus	Algae
2-methoxy-1-methylethyl acetate CAS: 108-65-6	LC50	161 mg/L (96 h)	Pimephales promelas	Fish
	EC50	481 mg/L (48 h)	Daphnia sp.	Crustacean
	EC50	Non-applicable		
Silicon dioxide (RCS < 1%) CAS: 7631-86-9	LC50	5000 mg/L (96 h)	Brachydanio rerio	Fish
	EC50	10000 mg/L (24 h)	Daphnia magna	Crustacean
	EC50	440 mg/L (72 h)	Selenastrum capricornutum	Algae

**Chronic toxicity:**

Identification	Concentration		Species	Genus
	Concentration	Exposure		
Ethyl acetate CAS: 141-78-6	NOEC	9.65 mg/L	Pimephales promelas	Fish
	NOEC	2.4 mg/L	Daphnia magna	Crustacean
N-butyl acetate CAS: 123-86-4	NOEC	Non-applicable		
	NOEC	23.2 mg/L	Daphnia magna	Crustacean
2-methoxy-1-methylethyl acetate CAS: 108-65-6	NOEC	47.5 mg/L	Oryzias latipes	Fish
	NOEC	100 mg/L	Daphnia magna	Crustacean
Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Non-applicable	NOEC	1.3 mg/L	Oncorhynchus mykiss	Fish
	NOEC	1.17 mg/L	Ceriodaphnia dubia	Crustacean

**12.2 Persistence and degradability:**
**Substance-specific information:**

Identification	Degradability		Biodegradability	
	Parameter	Value	Parameter	Value
Ethyl acetate CAS: 141-78-6	BOD5	1.36 g O2/g	Concentration	100 mg/L
	COD	1.69 g O2/g	Period	14 days
	BOD5/COD	0.8	% Biodegradable	83 %
N-butyl acetate CAS: 123-86-4	BOD5	Non-applicable	Concentration	Non-applicable
	COD	Non-applicable	Period	5 days
	BOD5/COD	Non-applicable	% Biodegradable	84 %

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Degradability		Biodegradability	
	2-methoxy-1-methylethyl acetate CAS: 108-65-6	BOD5	Non-applicable	Concentration
	COD	Non-applicable	Period	8 days
	BOD5/COD	Non-applicable	% Biodegradable	100 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
	Ethyl acetate CAS: 141-78-6	BCF
	Pow Log	0.73
	Potential	Moderate
N-butyl acetate CAS: 123-86-4	BCF	4
	Pow Log	1.78
	Potential	Low
Butane CAS: 106-97-8	BCF	33
	Pow Log	2.89
	Potential	Moderate
Propane CAS: 74-98-6	BCF	13
	Pow Log	2.86
	Potential	Low
2-methoxy-1-methylethyl acetate CAS: 108-65-6	BCF	1
	Pow Log	0.43
	Potential	Low
Isobutane CAS: 75-28-5	BCF	27
	Pow Log	2.76
	Potential	Low
Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Non-applicable	BCF	9
	Pow Log	2.77
	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
	Ethyl acetate CAS: 141-78-6	Koc	59	Henry
	Conclusion	Very High	Dry soil	Yes
	Surface tension	2.324E-2 N/m (25 °C)	Moist soil	Yes
N-butyl acetate CAS: 123-86-4	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	2.478E-2 N/m (25 °C)	Moist soil	Non-applicable
Butane CAS: 106-97-8	Koc	900	Henry	96258.75 Pa·m <sup>3</sup> /mol
	Conclusion	Low	Dry soil	Yes
	Surface tension	1.187E-2 N/m (25 °C)	Moist soil	Yes
Propane CAS: 74-98-6	Koc	460	Henry	71636.78 Pa·m <sup>3</sup> /mol
	Conclusion	Moderate	Dry soil	Yes
	Surface tension	7.02E-3 N/m (25 °C)	Moist soil	Yes
Isobutane CAS: 75-28-5	Koc	35	Henry	120576.75 Pa·m <sup>3</sup> /mol
	Conclusion	Very High	Dry soil	Yes
	Surface tension	9.84E-3 N/m (25 °C)	Moist soil	Yes

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

- CONTINUED ON NEXT PAGE -



**SECTION 13: DISPOSAL CONSIDERATIONS (continued)**

**13.1 Disposal methods:**

**Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations. In case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See epigraph 6.2.

**Regulations related to waste management:**

Legislation related to waste management:

Basel Convention (Hazardous Waste)

Hazardous Waste (Regulation of Exports and Imports) Act 1989 and Amendments

**SECTION 14: TRANSPORT INFORMATION**

**Transport of dangerous goods by land:**

With regard to ADG Code:



- |                                                                                       |                |
|---------------------------------------------------------------------------------------|----------------|
| <b>14.1 UN number:</b>                                                                | UN1950         |
| <b>14.2 Proper shipping name or Technical Name:</b>                                   | AEROSOLS       |
| <b>14.3 Transport hazard class:</b>                                                   | 2              |
| Labels:                                                                               | 2.1            |
| <b>14.4 Packing Group:</b>                                                            | N/A            |
| <b>14.5 Environmental hazards for Transport Purposes:</b>                             | No             |
| <b>14.6 Special precautions for user</b>                                              |                |
| Physico-Chemical properties:                                                          | see section 9  |
| <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b> | Non-applicable |

**Transport of dangerous goods by sea:**

With regard to IMDG 40-20:



- |                                                                                       |                             |
|---------------------------------------------------------------------------------------|-----------------------------|
| <b>14.1 UN number:</b>                                                                | UN1950                      |
| <b>14.2 Proper shipping name or Technical Name:</b>                                   | AEROSOLS                    |
| <b>14.3 Transport hazard class:</b>                                                   | 2                           |
| Labels:                                                                               | 2.1                         |
| <b>14.4 Packing Group:</b>                                                            | N/A                         |
| <b>14.5 Marine pollutant:</b>                                                         | No                          |
| <b>14.6 Special precautions for user</b>                                              |                             |
| Special regulations:                                                                  | 63, 959, 190, 277, 327, 344 |
| EmS Codes:                                                                            | F-D, S-U                    |
| Physico-Chemical properties:                                                          | see section 9               |
| Limited quantities:                                                                   | 1 L                         |
| Segregation group:                                                                    | Non-applicable              |
| <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b> | Non-applicable              |

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2023:

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**SECTION 14: TRANSPORT INFORMATION (continued)**



<b>14.1 UN number:</b>	UN1950
<b>14.2 Proper shipping name or Technical Name:</b>	AEROSOLS
<b>14.3 Transport hazard class:</b>	2
Labels:	2.1
<b>14.4 Packing Group:</b>	N/A
<b>14.5 Environmental hazards for Transport Purposes:</b>	No
<b>14.6 Special precautions for user</b>	
Physico-Chemical properties:	see section 9
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Non-applicable

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations:**

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

**Industrial Chemicals Act 2019:**

Industrial Chemicals (Notification and Assessment) Act 1989

**SECTION 16: OTHER INFORMATION**

**Legislation related to safety data sheets:**

This safety data sheet has been designed in accordance with WHS regulations and Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals.

**Texts of the legislative phrases mentioned in section 2:**

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

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**WHS:**

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.  
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.  
Eye Irrit. 2A: H319 - Causes serious eye irritation.  
Flam. Gas 1A: H220 - Extremely flammable gas.  
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.  
Flam. Liq. 3: H226 - Flammable liquid and vapour.  
Press. Gas: H280 - Contains gas under pressure, may explode if heated.  
Skin Irrit. 2: H315 - Causes skin irritation.  
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.  
STOT SE 3: H335 - May cause respiratory irritation.  
STOT SE 3: H336 - May cause drowsiness or dizziness.

**Advice related to training:**

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**

<http://www.safeworkaustralia.gov.au/>

**Abbreviations and acronyms:**

- CONTINUED ON NEXT PAGE -



**SECTION 16: OTHER INFORMATION (continued)**

ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail  
IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5-day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
CL50: Lethal Concentration 50  
EC50: Effective concentration 50  
Log-POW: Octanol-water partition coefficient  
Koc: Partition coefficient of organic carbon  
IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current Australian legislation, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

END OF SAFETY DATA SHEET