

# Safety data sheet

## According to 91/155 EEC

Printing date 24.03.2015

Version number 6

Revision: 24.03.2015

Hazardous according to criteria of Australian Safety and Compensation Council















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

- **Product identifier**
- **Trade name:** Montana ULTRA WIDE 750ml
- **Article number:** 344459, 346774, 383625, 383632
- **Application of the substance / the mixture** Lacquer
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
MONTANA CANS  
Häusserstr. 36  
D-69115 Heidelberg  
Tel. +49-6221-36333-30  
Fax +49-6221-36333-33  
info@montana-cans.de  
www.montana-cans.com
- **Further information obtainable from:** Department Product Safety
- **Emergency telephone number:**  
Tel.: +49 6266-75-310  
Fax +49 6266-75-362  
(Mo - Th 08:00 am - 04:00 pm, Fr 08:00 am - 00:30 pm)

### 2 Composition/information on ingredients

- **Chemical characterisation:** Mixtures
- **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 RTECS: AL 3150000 Reg.nr.: 01-2119471330-49	acetone  Xi R36;  F R11 R66-67 -----  Flam. Liq. 2, H225;  Eye Irrit. 2, H319; STOT SE 3, H336	25-<50%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 RTECS: ZE 2100000 Reg.nr.: 01-2119488216-32	xylene, mixture of isomers  Xn R20/21;  Xi R38 R10 -----  Flam. Liq. 3, H226;  Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	25-<50%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 RTECS: EJ 4200000 Reg.nr.: 01-2119474691-32	butane  F+ R12 -----  Flam. Gas 1, H220; Press. Gas C, H280	12.5-<20%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 RTECS: TX 2275000 Reg.nr.: 01-2119486944-21	propane  F+ R12 -----  Flam. Gas 1, H220; Press. Gas C, H280	5-<10%
CAS: 7429-90-5 EINECS: 231-072-3 Index number: 013-002-00-1 Reg.nr.: 01-2119529243-45	aluminium powder (stabilised)  F R11-15 -----  Flam. Sol. 1, H228; Water-react. 2, H261	5-<10%

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CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-4 RTECS: DA 0700000 Reg.nr.: 01-2119489370-35	ethylbenzene  Xn R20-48/20-65;  F R11  Flam. Liq. 2, H225;  Acute Tox. 4, H332	2.5-<5.0%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 RTECS: TZ 4300000 Reg.nr.: 01-2119485395-27	isobutane  F+ R12  Flam. Gas 1, H220; Press. Gas C, H280	2.5-<5.0%
CAS: 64742-48-9 EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons  Xn R65 R10-66-67  Flam. Liq. 3, H226;  Asp. Tox. 1, H304;  STOT SE 3, H336	<2.5%

**Additional information:**

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex I 67/548 EU), so the classification as carcinogen need not to apply.  
For the wording of the listed risk phrases refer to section 16.

### 3 Hazards identification

**Classification of the substance or mixture**




Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.




Acute Tox. 4 H312 Harmful in contact with skin.  
Acute Tox. 4 H332 Harmful if inhaled.  
Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2 H319 Causes serious eye irritation.  
STOT SE 3 H336 May cause drowsiness or dizziness.


**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

 Xn; Harmful

R20/21: Harmful by inhalation and in contact with skin.

 Xi; Irritant

R36/38: Irritating to eyes and skin.

 F+; Extremely flammable

R12: Extremely flammable.

**Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurised container.

**Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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· **Label elements**

· **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



GHS02    GHS07

· **Signal word** *Danger*

· **Hazard-determining components of labelling:**

*xylene, mixture of isomers*

*ethylbenzene*

· **Hazard statements**

*Extremely flammable aerosol. Pressurised container: May burst if heated.*

*Harmful in contact with skin or if inhaled.*

*Causes skin irritation.*

*Causes serious eye irritation.*

*May cause drowsiness or dizziness.*

· **Precautionary statements**

*If medical advice is needed, have product container or label at hand.*

*Keep out of reach of children.*

*Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*

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

*Do not pierce or burn, even after use.*

*Do not breathe spray.*

*Use only outdoors or in a well-ventilated area.*

*Wear protective gloves.*

*Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.*

*Dispose of contents / container in accordance with regional regulations.*

· **Information concerning particular hazards for human and environment:**

· **Safety phrases:**

2    *Keep out of the reach of children.*

16   *Keep away from sources of ignition - No smoking.*

23   *Do not breathe spray.*

29/56 *Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.*

36/37 *Wear suitable protective clothing and gloves.*

46   *If swallowed, seek medical advice immediately and show this container or label.*

51   *Use only in well-ventilated areas.*

**4 First aid measures**

· **General information:**

*Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.*

· **After inhalation:**

*Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.*

*In case of unconsciousness place patient stably in side position for transportation.*

· **After skin contact:** *Immediately wash with water and soap and rinse thoroughly.*

· **After eye contact:**

*Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.*

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· **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

### 5 Firefighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, bluspoeder of waterstraal. Grotere brand met waterstraal of met schuim.  
Vaten met water afkoelen.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Protective equipment:** Mouth respiratory protective device.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Do not seal receptacle gas tight.  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.
- **Storage class:** 2B
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

**67-64-1 acetone**

NES	Short-term value: 2375 mg/m <sup>3</sup> , 1000 ppm
	Long-term value: 1185 mg/m <sup>3</sup> , 500 ppm

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**1330-20-7 xylene, mixture of isomers**

NES Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 350 mg/m<sup>3</sup>, 80 ppm

**106-97-8 butane**

NES Long-term value: 1900 mg/m<sup>3</sup>, 800 ppm

**74-98-6 propane**

NES Asphyxiant

**7429-90-5 aluminium powder (stabilised)**

NES Long-term value: 10\* 5\*\* mg/m<sup>3</sup>  
 \*metal dust, \*\*welding, pyro powders

**100-41-4 ethylbenzene**

NES Short-term value: 543 mg/m<sup>3</sup>, 125 ppm  
 Long-term value: 434 mg/m<sup>3</sup>, 100 ppm

· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

-

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

Otherwise, filter class A / P2 or self contained.

· **Protection of hands:**



Protective gloves

Solvent resistant gloves

In case of contact with spray dust protective gloves made of butyl should be used (min. 0.4 mm thick), e.g. KCL Camatril, article no. 898 or similar products

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves** Butyl rubber, BR

· **Penetration time of glove material**

Butyl rubber gloves with a thickness of 0.4 mm are resistant to:

Acetone: 480 min

Butyl acetate: 60 min

Ethyl acetate: 170 min

Xylene: 42 min

· **Eye protection:** Safety glasses

## 9 Physical and chemical properties

· **General Information**

· **Appearance:**

Form:

Aerosol

Colour:

According to product specification

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined.

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· <b>pH-value:</b>	Not determined.
· <b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Not applicable, as aerosol.
· <b>Flash point:</b>	Not applicable, as aerosol.
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Ignition temperature:</b>	365 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>Self-igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	In use, may form flammable/explosive vapour-air mixture.
· <b>Explosion limits:</b>	
<b>Lower:</b>	1.1 Vol %
<b>Upper:</b>	13.0 Vol %
· <b>Vapour pressure at 20 °C:</b>	2100 hPa
· <b>Density at 20 °C:</b>	0.76 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>VOC-(EU)</b>	--- 666.0 g/l
<b>Solids content:</b>	13.5 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

**67-64-1 acetone**

Oral	LD50	5800 mg/kg (rat)
------	------	------------------

Dermal	LD50	20000 mg/kg (rabbit)
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**1330-20-7 xylene, mixture of isomers**

Oral	LD50	8700 mg/kg (rat)
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Dermal	LD50	>2000 mg/kg (rabbit)
Inhalative	LC50/4 h	6350 mg/l (rat)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitisation:** No sensitising effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
Harmful  
Irritant  
Vapours have narcotic effect.

### 12 Ecological information

- **Aquatic toxicity:**

#### 1330-20-7 xylene, mixture of isomers

EC50 (24h)	>175 mg/l (bacteria)
EC50 / 48h	3.82 mg/l (daphnia magna / Wasserfloh)
EC50/72h	4.7 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	7.6 mg/l (oncorhynchus mykiss / Regenbogenforelle)

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

15 01 04	metallic packaging
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **UN-Number**
- **ADG, IMDG, IATA** UNI950
- **UN proper shipping name**
- **ADG** UNI950 AEROSOLS
- **IMDG** AEROSOLS

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· **IATA** AEROSOLS, flammable· **Transport hazard class(es)**· **ADG**· **Class** 2 5F Gases.· **Label** 2.1· **IMDG, IATA**· **Class** 2.1· **Label** 2.1· **Packing group**· **ADG, IMDG, IATA** Void· **Environmental hazards:**· **Marine pollutant:** No· **Special precautions for user** Warning: Gases.· **Danger code (Kemler):** -· **EMS Number:** F-D,S-U· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.· **Transport/Additional information:**· **ADG**· **Limited quantities (LQ)** 1L· **Excepted quantities (EQ)** Code: E0  
Not permitted as Excepted Quantity· **Transport category** 2· **Tunnel restriction code** D· **IMDG**· **Limited quantities (LQ)** 1L· **Excepted quantities (EQ)** Code: E0  
Not permitted as Excepted Quantity· **UN "Model Regulation":** UN1950, AEROSOLS, 2.1

### 15 Regulatory information

· **Australian Inventory of Chemical Substances**

All ingredients are listed.

· **Standard for the Uniform Scheduling of Medicines and Poisons**

67-64-1	acetone	S5
1330-20-7	xylene, mixture of isomers	S6
80-62-6	methyl methacrylate	S6 + APPENDIX C

· **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

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· **Hazard pictograms**



GHS02 GHS07

· **Signal word** *Danger*

· **Hazard-determining components of labelling:**

*xylene, mixture of isomers*  
*ethylbenzene*

· **Hazard statements**

*Extremely flammable aerosol. Pressurised container: May burst if heated.*

*Harmful in contact with skin or if inhaled.*

*Causes skin irritation.*

*Causes serious eye irritation.*

*May cause drowsiness or dizziness.*

· **Precautionary statements**

*If medical advice is needed, have product container or label at hand.*

*Keep out of reach of children.*

*Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*

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

*Do not pierce or burn, even after use.*

*Do not breathe spray.*

*Use only outdoors or in a well-ventilated area.*

*Wear protective gloves.*

*Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.*

*Dispose of contents / container in accordance with regional regulations.*

· **Waterhazard class:** *Water hazard class 2 (Self-assessment): hazardous for water.*

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases**

*H220 Extremely flammable gas.*

*H225 Highly flammable liquid and vapour.*

*H226 Flammable liquid and vapour.*

*H228 Flammable solid.*

*H261 In contact with water releases flammable gases.*

*H280 Contains gas under pressure; may explode 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.*

*H336 May cause drowsiness or dizziness.*

*R10 Flammable.*

*R11 Highly flammable.*

*R12 Extremely flammable.*

*R15 Contact with water liberates extremely flammable gases.*

*R20 Harmful by inhalation.*

*R20/21 Harmful by inhalation and in contact with skin.*

*R36 Irritating to eyes.*

*R38 Irritating to skin.*

*R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.*

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- R65 *Harmful: may cause lung damage if swallowed*  
 R66 *Repeated exposure may cause skin dryness or cracking.*  
 R67 *Vapours may cause drowsiness and dizziness.*

· **Contact:** Anwendungstechnik

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Gas 1: Flammable gases, Hazard Category 1

Flam. Aerosol 1: Flammable aerosols, Hazard Category 1

Press. Gas C: Gases under pressure: Compressed gas

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Flam. Sol. 1: Flammable solids, Hazard Category 1

Water-react. 2: Substances and Mixtures which, in contact with water, emit flammable gases, Hazard Category 2

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

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