

## Safety Data Sheet

acc. to OSHA HCS

Printing date 07/05/2019

Reviewed on 07/05/2019

### 1 Identification

- **Product identifier**
- **Trade name:** MONTANA Chalk Spray
- **Article number:**  
CH1020, CH2010, CH3000, CH4050, CH4150, CH5000, CH5050, CH6000, CH6050, CH6120, CH7050, CH8020, CH9000, CH9100, 376085, 376092, 376115, 376122, 376139, 376146, 376153, 376160, 376177, 376184, 376191, 376214, 376221, 376238, 396168, 396175, 396182, 396199, 396205, 396212, 396229, 396236, 396243, 396250
- **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
- **Information department:** 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 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Aerosol 1 H222 Extremely flammable aerosol.



GHS04 Gas cylinder

Press. Gas H280 Contains gas under pressure; may explode if heated.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02



GHS04



GHS07

(Contd. on page 2)

USA

## Trade name: MONTANA Chalk Spray

(Contd. of page 1)

· **Signal word** Danger· **Hazard-determining components of labeling:**

maleic anhydride

2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with butyl 2-propenoate, comps. with polyethylene glycol hydrogen maleate C9-11-alkyl ethers

Polyamide

· **Hazard statements**

H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

· **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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

P251 Pressurized container: Do not pierce or burn, even after use.

P260 Do not breathe spray.

P280 Wear protective gloves / eye protection.

P285 In case of inadequate ventilation wear respiratory protection.

P302+P352 If on skin: Wash with plenty of water.

P312 Call a poison center/doctor if you feel unwell.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**· **NFPA ratings (scale 0 - 4)**

Health = 2

Fire = 4

Reactivity = 3

· **HMIS-ratings (scale 0 - 4)**

Health = \*2

Fire = 4

Reactivity = 3

· **Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.\* **3 Composition/information on ingredients**· **Chemical characterization: Mixtures**· **Description:** Mixture of the substances listed below with nonhazardous additions.· **Dangerous components:**

CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5	ethanol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2A, H319	25-<50%
CAS: 471-34-1 EINECS: 207-439-9	calcium carbonate	25-<50%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5	propane ⚠ Flam. Gas 1, H220 ⚠ Press. Gas, H280	12.5-<20%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0	butane ⚠ Flam. Gas 1, H220 ⚠ Press. Gas, H280	10-<12.5%

(Contd. on page 3)

USA

Printing date 07/05/2019

Reviewed on 07/05/2019

Trade name: MONTANA Chalk Spray

		(Contd. of page 2)
CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5	ethyl acetate ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2A, H319; STOT SE 3, H336	5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0	isobutane ⚠ Flam. Gas 1, H220 ⚠ Press. Gas, H280	2.5-<5%
CAS: 1259547-09-5	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with butyl 2-propenoate, comps. with polyethylene glycol hydrogen maleate C9-11-alkyl ethers ⚠ Skin Sens. 1, H317	≤0.5%
CAS: 108-31-6 EINECS: 203-571-6 Index number: 607-096-00-9	maleic anhydride ⚠ Resp. Sens. 1, H334; STOT RE 1, H372 ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317	≤0.5%

· **Additional information:**

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1A 1272/2008 EU), so the classification as carcinogen need not to apply.

#### 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:**  
Supply fresh air and to be sure call for a doctor.  
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.
- **After swallowing:** Drink copious amounts of water and provide fresh air. Immediately call a doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

#### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.
- **Advice for firefighters -**
- **Protective equipment:** Mouth respiratory protective device.

#### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **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.

(Contd. on page 4)

USA

Printing date 07/05/2019

Reviewed on 07/05/2019

**Trade name: MONTANA Chalk Spray**

(Contd. of page 3)

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**· Protective Action Criteria for Chemicals****· PAC-1:**

64-17-5	ethanol	1,800 ppm
115-10-6	dimethyl ether	3,000 ppm
471-34-1	calcium carbonate	45 mg/m <sup>3</sup>
141-78-6	ethyl acetate	1,200 ppm
1330-20-7	xylene, mixture of isomers	130 ppm
78-93-3	butanone	200 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
100-41-4	ethylbenzene	33 ppm
14808-60-7	Quartz (SiO <sub>2</sub> )	0.075 mg/m <sup>3</sup>
67-63-0	propan-2-ol	400 ppm
108-31-6	maleic anhydride	0.2 ppm
70657-70-4	2-methoxypropyl acetate	50 ppm

**· PAC-2:**

64-17-5	ethanol	3300* ppm
115-10-6	dimethyl ether	3800* ppm
471-34-1	calcium carbonate	210 mg/m <sup>3</sup>
141-78-6	ethyl acetate	1,700 ppm
1330-20-7	xylene, mixture of isomers	920* ppm
78-93-3	butanone	2700* ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
100-41-4	ethylbenzene	1100* ppm
14808-60-7	Quartz (SiO <sub>2</sub> )	33 mg/m <sup>3</sup>
67-63-0	propan-2-ol	2000* ppm
108-31-6	maleic anhydride	2 ppm
70657-70-4	2-methoxypropyl acetate	1,000 ppm

**· PAC-3:**

64-17-5	ethanol	15000* ppm
115-10-6	dimethyl ether	7200* ppm
471-34-1	calcium carbonate	1,300 mg/m <sup>3</sup>
141-78-6	ethyl acetate	10000** ppm
1330-20-7	xylene, mixture of isomers	2500* ppm
78-93-3	butanone	4000* ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
100-41-4	ethylbenzene	1800* ppm
14808-60-7	Quartz (SiO <sub>2</sub> )	200 mg/m <sup>3</sup>
67-63-0	propan-2-ol	12000** ppm
108-31-6	maleic anhydride	20 ppm
70657-70-4	2-methoxypropyl acetate	5,000 ppm

**7 Handling and storage****· Handling:****· Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

(Contd. on page 5)

USA

Printing date 07/05/2019

Reviewed on 07/05/2019

Trade name: MONTANA Chalk Spray

(Contd. of page 4)

No special measures required.

- **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Keep respiratory protective device available.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Observe official regulations on storing packagings with pressurized containers.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:** Keep receptacle tightly sealed.

- **Storage class:** 2 B

- **Specific end use(s)** No further relevant information available.

## \* 8 Exposure controls/personal protection

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

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

### 471-34-1 calcium carbonate

PEL Long-term value: 15\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction

REL Long-term value: 10\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction

TLV TLV withdrawn

### 74-98-6 propane

PEL Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm

REL Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm

TLV refer to Appendix F in TLVs & BEIs book; D, EX

### 106-97-8 butane

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

TLV Short-term value: 2370 mg/m<sup>3</sup>, 1000 ppm  
(EX)

### 141-78-6 ethyl acetate

PEL Long-term value: 1400 mg/m<sup>3</sup>, 400 ppm

REL Long-term value: 1400 mg/m<sup>3</sup>, 400 ppm

TLV Long-term value: 1440 mg/m<sup>3</sup>, 400 ppm

### 75-28-5 isobutane

TLV Short-term value: 2370 mg/m<sup>3</sup>, 1000 ppm  
(EX)

### 108-31-6 maleic anhydride

PEL Long-term value: 1 mg/m<sup>3</sup>, 0.25 ppm

REL Long-term value: 1 mg/m<sup>3</sup>, 0.25 ppm

TLV Long-term value: 0.01\* mg/m<sup>3</sup>, 0.0025\* ppm  
DSEN, RSEN; \*inhalable fraction + vapor

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

(Contd. on page 6)

USA

**Trade name: MONTANA Chalk Spray**

(Contd. of page 5)

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Avoid contact with the eyes.

• **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

• **Protection of hands:**

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

Solvent resistant gloves

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.



Protective gloves

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

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

• **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

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:**



Tightly sealed goggles

## 9 Physical and chemical properties

• **Information on basic physical and chemical properties**

• **General Information**

• **Appearance:**

Form:

Aerosol

Color:

According to product specification

• **Odor:**

Characteristic

• **Odor threshold:**

Not determined.

• **pH-value:**

Not determined.

• **Change in condition**

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

Not applicable, as aerosol.

• **Flash point:**

Not applicable, as aerosol.

(Contd. on page 7)

USA

Printing date 07/05/2019

Reviewed on 07/05/2019

Trade name: MONTANA Chalk Spray

(Contd. of page 6)

· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Ignition temperature:</b>	240 °C (464 °F)
· <b>Decomposition temperature:</b>	Not determined.
· <b>Danger of explosion:</b>	Not determined.
· <b>Explosion limits:</b>	
Lower:	3.3 Vol %
Upper:	26.2 Vol %
· <b>Vapor pressure at 20 °C (68 °F):</b>	4000 hPa (3000.2 mm Hg)
· <b>Density at 20 °C (68 °F):</b>	0.95 g/cm <sup>3</sup> (7.93 lbs/gal)
· <b>Relative density</b>	Not determined.
· <b>Vapor 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>	
Dynamic:	Not determined.
Kinematic:	Not determined.
· <b>Solvent content:</b>	
Organic solvents:	69.9 %
VOC content:	663.8 g/l / 5.54 lb/gal
· <b>Solids content:</b>	41.2 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## \* 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

### · LD/LC50 values that are relevant for classification:

#### 141-78-6 ethyl acetate

Oral	LD50	>18000 mg/kg (rab)
Dermal	LD50	5620 mg/kg (rat)
Inhalative	LC50 / 4 h	1600 mg/m <sup>3</sup> (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.

(Contd. on page 8)

USA

Printing date 07/05/2019

Reviewed on 07/05/2019

Trade name: MONTANA Chalk Spray

(Contd. of page 7)

· **Additional toxicological information:**

Vapors have narcotic effect.

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

64-17-5	ethanol	1
1330-20-7	xylene, mixture of isomers	3
100-41-4	ethylbenzene	2B
14808-60-7	Quartz (SiO <sub>2</sub> )	1
67-63-0	propan-2-ol	3

· **NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO <sub>2</sub> )	K
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· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

\* **12 Ecological information**

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability:** No further relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential:** No further relevant information available.

· **Mobility in soil:** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects:** No further relevant information available.

\* **13 Disposal considerations**

· **Waste treatment methods**

· **Recommendation:**

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**

· **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

\* **14 Transport information**

· **UN-Number**

· **DOT, IMDG, IATA** UN1950

· **UN proper shipping name**

· **DOT** Aerosols, flammable

(Contd. on page 9)

USA



**Safety Data Sheet**



MSDS for #01445 - MONTANA CHALK TECH *acc. to OSHA HCS*

Printing date 07/05/2019

Reviewed on 07/05/2019

**Trade name: MONTANA Chalk Spray**

(Contd. of page 8)

<ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>IATA</b></li> </ul>	<p>AEROSOLS AEROSOLS, flammable</p>
<ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> </ul>	
	
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	<p>2.1 2.1</p>
<ul style="list-style-type: none"> <li>· <b>IMDG, IATA</b></li> </ul>	
	
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	<p>2.1 2.1</p>
<ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>	<p>not regulated</p>
<ul style="list-style-type: none"> <li>· <b>Environmental hazards:</b></li> </ul>	<p>Not applicable.</p>
<ul style="list-style-type: none"> <li>· <b>Special precautions for user</b></li> <li>· <b>Danger code (Kemler):</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Stowage Code</b></li> </ul>	<p>Warning: Gases - F-D,S-U SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.</p>
<ul style="list-style-type: none"> <li>· <b>Segregation Code</b></li> </ul>	<p>SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.</p>
<ul style="list-style-type: none"> <li>· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b></li> </ul>	<p>Not applicable.</p>
<ul style="list-style-type: none"> <li>· <b>Transport/Additional information:</b></li> <li>· <b>DOT</b></li> <li>· <b>Quantity limitations</b></li> </ul>	<p>On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg</p>
<ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> </ul>	<p>1L Code: E0 Not permitted as Excepted Quantity</p>
<ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>	<p>UN 1950 AEROSOLS, 2.1</p>

USA

(Contd. on page 10)

Printing date 07/05/2019

Reviewed on 07/05/2019

Trade name: MONTANA Chalk Spray

(Contd. of page 9)

### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

#### · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

#### · Section 313 (Specific toxic chemical listings):

1330-20-7 xylene, mixture of isomers

78-93-3 butanone

100-41-4 ethylbenzene

67-63-0 propan-2-ol

108-31-6 maleic anhydride

#### · TSCA (Toxic Substances Control Act):

64-17-5 ethanol

115-10-6 dimethyl ether

471-34-1 calcium carbonate

141-78-6 ethyl acetate

6358-31-2 C.I. Pigment Yellow 74

1259547-09-5 2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with butyl 2-propenoate, comps.  
with polyethylene glycol hydrogen maleate C9-11-alkyl ethers

1330-20-7 xylene, mixture of isomers

78-93-3 butanone

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

100-41-4 ethylbenzene

68439-46-3 Alcohol ethoxylate (C9-C11, EO 5-15)

14808-60-7 Quartz (SiO<sub>2</sub>)

67-63-0 propan-2-ol

108-31-6 maleic anhydride

70657-70-4 2-methoxypropyl acetate

#### · Proposition 65

##### · Chemicals known to cause cancer:

100-41-4 ethylbenzene

14808-60-7 Quartz (SiO<sub>2</sub>)

##### · Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

##### · Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

##### · Chemicals known to cause developmental toxicity:

64-17-5 ethanol

#### · Carcinogenic categories

##### · EPA (Environmental Protection Agency)

1330-20-7 xylene, mixture of isomers

I

78-93-3 butanone

I

100-41-4 ethylbenzene

D

##### · TLV (Threshold Limit Value established by ACGIH)

64-17-5 ethanol

A3

(Contd. on page 11)

USA

Printing date 07/05/2019

Reviewed on 07/05/2019

**Trade name: MONTANA Chalk Spray**

(Contd. of page 10)

1330-20-7	xylene, mixture of isomers	A4
100-41-4	ethylbenzene	A3
14808-60-7	Quartz (SiO <sub>2</sub> )	A2
67-63-0	propan-2-ol	A4
108-31-6	maleic anhydride	A4
· <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>		
14808-60-7	Quartz (SiO <sub>2</sub> )	

- **National regulations:**
- **Additional classification according to Decree on Hazardous Materials:**  
Carcinogenic hazardous material group III (dangerous).
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**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 vapor.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to organs through prolonged or repeated exposure.

· **Date of preparation / last revision 07/05/2019 / 5**· **Abbreviations and acronyms:**

- 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
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ACGIH: American Conference of Governmental Industrial Hygienists
- 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)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety
- OSHA: Occupational Safety & Health
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- Flam. Gas 1: Flammable gases – Category 1
- Flam. Aerosol 1: Aerosols – Category 1
- Press. Gas: Gases under pressure – Compressed gas
- Flam. Liq. 2: Flammable liquids – Category 2
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Corr. 1B: Skin corrosion/irritation – Category 1B
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
- Resp. Sens. 1: Respiratory sensitisation – Category 1
- Skin Sens. 1: Skin sensitisation – Category 1
- Skin Sens. 1A: Skin sensitisation – Category 1A
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

(Contd. on page 12)

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**Safety Data Sheet**

MSDS for #01445 - MONTANA CHALK TECH *acc. to OSHA HCS*

Printing date 07/05/2019

Reviewed on 07/05/2019

**Trade name: MONTANA Chalk Spray**

*STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1*  
**. \* Data compared to the previous version altered.**

(Contd. of page 11)

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