Safety data sheet according to 1907/2006/EC, Article 31

Version number 3 Printing date 11.12.2019 Revision: 11.12.2019 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: MONTANA WHITE Silver • Article number: 280412 · 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. · Sector of Use SU21 Consumer uses: Private households / general public / consumers SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen) • Product category PC9a Coatings and paints, thinners, paint removers · Process category PROC7 Industrial spraying **PROC11** Non industrial spraying · Application of the substance / the mixture Lacquer · 1.3 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 • 1.4 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) **SECTION 2: Hazards identification** · 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008 GHS02 flame H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated. Aerosol 1 GHS07 Eye Irrit. 2 H319 Causes serious eye irritation. STOT SE 3 H336 May cause drowsiness or dizziness. Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects. · 2.2 Label elements · Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation. (Contd. on page 2)

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. Hazard 1	(Contd. of page 1)
GHS02	GHS07
· Signal w	ord Danger
0	determining components of labelling:
acetone	
ethyl ace	
	rbons, C9, aromatics
· Hazard s	naphtha (petroleum), light arom.
	229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
• Precauti	onary statements
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.
	412 Protect from sunlight. Do not expose to temperatures exceeding 50 $^{\circ}C/122 ^{\circ}F$.
P501	Dispose of contents / container in accordance with regional regulations.
	al information: Repeated exposure may cause skin dryness or cracking.
	of explosive mixtures possible without sufficient ventilation.
· 2.3 Othe	
	f PBT and vPvB assessment
	t applicable.
	ot applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

*

• Description: Mixture of substances listed below with nonhazardous additions.

CAS: 67-64-1	acetone	25-<50%
EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	 Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 	
CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5 Reg.nr.: 01-2119475103-46	ethyl acetate Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	12.5-<20%
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37	dimethyl ether	5-<10%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1, H220 Press. Gas (Comp.), H280	5-<10%

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CAS: 7429-90-5	aluminium powder (stabilised)	Contd. of page 5-<10%
EINECS: 231-072-3 Index number: 013-002-00-1 Reg.nr.: 01-2119529243-45		
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane Flam. Gas 1, H220 Press. Gas (Comp.), H280	2.5-<5%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	Hydrocarbons, C9, aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336	2.5-<5%
EC number: 905-588-0 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	xylene Flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	<2.5%
CAS: 9004-70-0	cellulose nitrate 🚸 Flam. Sol. 1, H228	<2.5%
CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-00-4 Reg.nr.: 01-2119486773-24	Solvent naphtha (petroleum), light arom. Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; STOT SE 3, H336	<2.5%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane Flam. Gas 1, H220 Press. Gas (Comp.), H280	<2.5%

· 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. xylene: Contains ethylbenzene CAS 100-41-4

CAS 7429-90-5, EINECS 231-072-3, Index 013-002-00-1: Note T

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

• After inhalation: Supply fresh air; consult doctor in case of complaints.

- After skin contact: Generally the product does not irritate the skin.
- · After eye contact:

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

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

• 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

 \cdot 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

• Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

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- · 5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · 5.3 Advice for firefighters -
- · Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.
 Wear protective equipment. Keep unprotected persons away.
 6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
 6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
- 6.4 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.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
- *Information about fire and explosion protection: Keep ignition sources away - Do not smoke.*
- Keep respiratory protective device available.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- **Requirements to be met by storerooms and receptacles:** Observe official regulations on storing packagings with pressurised containers.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.

· Storage class: 2 B

· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

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

· 8.1 Control parameters

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

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

115-10-6 dimethyl ether

WEL Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm

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7420-	(Contd. of page (Stabilised)
	Long-term value: 10* 4** mg/m ³
WEL	*inhalable dust ** respirable dust
104.0	*
	7-8 butane
	Short-term value: 1810 mg/m³, 750 ppm
	Long-term value: 1450 mg/m³, 600 ppm
	Carc (if more than 0.1% of buta-1.3-diene)
xylene	3
-	Short-term value: 441 mg/m³, 100 ppm
	Long-term value: 220 mg/m ³ , 50 ppm
	Sk: BMGV
-	dients with biological limit values:
xylene	?
BMG	V 650 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
	Parameter: methyl hippuric acid
Additi	ional information: The lists valid during the making were used as basis.
	•
	cposure controls
	nal protective equipment:
	al protective and hygienic measures:
	away from foodstuffs, beverages and feed.
	diately remove all soiled and contaminated clothing
	hands before breaks and at the end of work.
	t inhale gases / fumes / aerosols.
	contact with the eyes and skin.
	contact with the eyes.
	ratory protection:
	ecessary if room is well-ventilated.
	e of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposu
	lf-contained respiratory protective device.
	ction of hands:
	nt resistant gloves
	e of contact with spray dust protective gloves made of butyl shoud be used (min. 0.4 mm thick), e.g.
	Camatril, article no. 898 or similar products
	love material has to be impermeable and resistant to the product/ the substance/ the preparation.
	ion of the glove material on consideration of the penetration times, rates of diffusion and the
	dation
	ial of gloves
	rubber, BR
	election of the suitable gloves does not only depend on the material, but also on further marks of quali
	aries from manufacturer to manufacturer. As the product is a preparation of several substances, the
	unce of the glove material can not be calculated in advance and has therefore to be checked prior to the
	ration.
n	ration time of glove material
	rubber gloves with a thickness of 0.4 mm are resistant to:
Butyl	
Butyl Aceto	one: 480 min
Butyl Aceto Butyl	acetate: 60 min
Butyl Aceto Butyl Ethyl	acetate: 60 min acetate: 170 min
Butyl Aceto Butyl Ethyl Xylen	acetate: 60 min acetate: 170 min te: 42 min
Butyl Aceto Butyl Ethyl Xylen	acetate: 60 min acetate: 170 min he: 42 min kact break through time has to be found out by the manufacturer of the protective gloves and has to be

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· Eye protection:



Tightly sealed goggles

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and c	hemical properties
General Information	
· Appearance:	
Form:	Aerosol
Colour:	According to product specification
• Odour:	Characteristic
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range	: Not applicable, as aerosol.
· Flash point:	Not applicable, as aerosol.
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	235 °C (455 °F)
· Decomposition temperature:	Not determined.
· Explosive properties:	Not determined.
· Explosion limits:	
Lower:	2.1 Vol %
Upper:	13 Vol %
· Vapour pressure at 20 °C (68 °F):	247 hPa (185.3 mm Hg)
• Density at 20 •C (68 •F):	0.8 g/cm ³ (6.7 lbs/gal)
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	83.0 %
Water:	0.2 %
VOC (EC)	
	700.0 g/l
· VOC-EU%	87.00 %
· Solids content:	13.0 %
• 9.2 Other information	No further relevant information available.

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SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

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

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

• Acute toxicity Based on available data, the classification criteria are not met.

67-64-1 ac	etone	
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50/4h	76 mg/l (rat)
141-78-6 e	thyl acetate	
Oral	LD50	>18000 mg/kg (rab)
Dermal	LD50	5620 mg/kg (rat)
Inhalative	LC50/4 h	1600 mg/m3 (rat)
Hydrocarb	ons, C9, ar	omatics
Oral	LD50	3592 mg/kg (rat)
Dermal	LD50	3160 mg/kg (rabbit)
xylene		
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50/4 h	29000 mg/m3 (rat)
64742-95-	6 Solvent na	aphtha (petroleum), light arom.
Oral	LD50	>5000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (rab) (OECD 402)
Skin corro Serious ey Causes ser Respirator	<mark>e damage/ir</mark> ious eye irri y or skin se l	on Based on available data, the classification criteria are not met. ritation

• Carcinogenicity Based on available data, the classification criteria are not met.

• *Reproductive toxicity Based on available data, the classification criteria are not met.*

· STOT-single exposure

May cause drowsiness or dizziness.

· STOT-repeated exposure Based on available data, the classification criteria are not met.

· Aspiration hazard Based on available data, the classification criteria are not met.

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2.1 Toxicit	
67-64-1 ace	•
.C50/96h	8300 mg/l (fish)
EC50/96h	7200 mg/l (algae)
	8450 mg/l (crustacean (water flea)) methyl ether
	155 mg/l (algae)
	>4000 mg/l (daphnia magna)
	>4000 mg/l (fish)
•	ns, C9, aromatics
	3.2 mg/l (Daphnia magna)
	2.75 mg/l (Pseudokirchneriella Subcapitata)
	9.2 mg/l (Regenbogenforelle)
zylene	
	7.4 mg/l (daphnia magna)
	13.5 mg/l (fish)
2.3 Bioacc. 2.4 Mobilit Ecotoxical e Remark: Ha Additional e General not Vater hazar Do not allow Danger to d Harmful to a 2.5 Results PBT: Not ap PVB: Not a	irmful to fish cological information: es: d class 2 (German Regulation) (Self-assessment): hazardous for water v product to reach ground water, water course or sewage system. rinking water if even small quantities leak into the ground. aquatic organisms t of PBT and vPvB assessment oplicable.

· 13.1 Waste treatment methods

· Recommendation

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

· European waste catalogue

08 01 11*	waste paint and varnish	containing organic solv	ents or other hazardous substances

15 01 04 metallic packaging

15 01 10* packaging containing residues of or contaminated by hazardous substances

· Uncleaned packaging:

· Recommendation:

Disposal must be made according to official regulations.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

Buildup of explosive mixtures possible without sufficient ventilation.

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· 14.1 UN-Number	
· 14.1 UN-Number · ADR, IMDG, IATA	UN1950
· 14.2 UN proper shipping name	
· ADR	1950 AEROSOLS
·IMDG	AEROSOLS
IATA	AEROSOLS, flammable
· 14.3 Transport hazard class(es)	
ADR	
· Class	2 5F Gases.
· Label	2.1
· IMDG, IATA	
· Class	2.1
Label	2.1
14.4 Packing group ADR, IMDG, IATA	not regulated
14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Warning: Gases.
· Danger code (Kemler):	-
EMS Number:	F- D , S - U
Stowage Code	SW1 Protected from sources of heat.
	SW22 For AEROSOLS with a maximum capacity of 1 li
	Category A. For AEROSOLS with a capacity above 1 li
	Category B. For WASTE AEROSOLS: Category C, Clea
	of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 lit
	Segregation as for class 9. Stow "separated from" class
	except for division 1.4.
	For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 3
	For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class.
· 14.7 Transport in bulk according to Annex	
Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
·ADR	
\cdot Limited quantities (LQ)	
\cdot Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
Transport category	2

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· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	1L Code: E0 Not permitted as Excepted Quantity	
· UN ''Model Regulation'':	UN 1950 AEROSOLS, 2.1	

SECTION 15: Regulatory information

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

· Directive 2012/18/EU

· Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t

 \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

• REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· National regulations:

· Other regulations, limitations and prohibitive regulations

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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. 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. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects. · 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) IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organisation ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO) 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 GHS: Globally Harmonised System of Classification and Labelling of Chemicals 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 PBT: Persistent, Bioaccumulative and Toxic

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SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Flam. Gas 1: Flammable gases – Category 1 Aerosol 1: Aerosols - Category 1 Press. Gas (Comp.): Gases under pressure - Compressed gas Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids – Category 3 Flam. Sol. 1: Flammable solids – Category 1 Acute Tox. 4: Acute toxicity - dermal - Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 \cdot * Data compared to the previous version altered.

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