

Page 1/15

01429-0000

Safety Data Sheet

acc. to OSHA HCS





Printing date 08/10/2023

Reviewed on 08/10/2023

1 Identification

- **Product identifier**
- **Trade name:** MONTANA BLACK USA Colors
- **Article number:**
263453-US - 264436-US, 264757-US, 265372-US, 289941-US, 289965-US, 321337-US - 321818-US,
351945-US - 352225-US, 386312-US - 386510-US, 352249-US-352263-US, 352232-US, 352249-US,
352256-US, 352263-US, 352300-US, 352317-US
- **Application of the substance / the mixture** *Lacquer*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
MONTANA CANS
Hüsserstr. 36
D-69115 Heidelberg
Tel. +49-6221-36333-30
Fax +49-6221-36333-33
info@montana-cans.com
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**
Flammable Aerosols 1 *H222 Extremely flammable aerosol.*
-  **GHS04 Gas cylinder**
Gases under Pressure - Compressed gas *H280 Contains gas under pressure; may explode if heated.*
-  **GHS08 Health hazard**
Carcinogenicity 2 *H351 Suspected of causing cancer. Route of exposure: Inhalation.*
-  **GHS07**
Eye Irritation 2A *H319 Causes serious eye irritation.*
Specific Target Organ Toxicity - Single Exposure 3 *H336 May cause drowsiness or dizziness.*
- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 2)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

(Contd. of page 1)

Hazard pictograms



Signal word Danger

Hazard-determining components of labeling:

ethyl acetate
titanium dioxide
acetone
Carbon black

Hazard statements

H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer. Route of exposure: Inhalation.
H336 May cause drowsiness or dizziness.

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.
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 = 0

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: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8	dimethyl ether ⚠ Flammable Gases 1, H220 ⚠ Gases under Pressure - Compressed gas, H280	12.5-<20%
CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5	ethyl acetate ⚠ Flammable Liquids 2, H225 ⚠ Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336	12.5-<20%

(Contd. on page 3)

Safety Data Sheet acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

		(Contd. of page 2)
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8	acetone ⚠ Flammable Liquids 2, H225 ⚠ Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336	5-<10%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5	propane ⚠ Flammable Gases 1, H220 ⚠ Gases under Pressure - Compressed gas, H280	5-<10%
CAS: 79-20-9 EINECS: 201-185-2 Index number: 607-021-00-X	methyl acetate ⚠ Flammable Liquids 2, H225 ⚠ Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336	5-<10%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0	butane (containing < 0,1 % butadiene (203-450-8)) ⚠ Flammable Gases 1, H220 ⚠ Gases under Pressure - Compressed gas, H280	5-<10%
CAS: 64742-95-6 EC number: 918-668-5	Hydrocarbons, C9, aromatics ⚠ Flammable Liquids 3, H226 ⚠ Aspiration Hazard 1, H304 ⚠ Specific Target Organ Toxicity - Single Exposure 3, H335-H336	2.5-<5%
CAS: 9004-70-0	cellulose nitrate ⚠ Explosives 1.1, H201	2.5-<5%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7	2-methoxy-1-methylethyl acetate ⚠ Flammable Liquids 3, H226 ⚠ Specific Target Organ Toxicity - Single Exposure 3, H336	2.5-<5%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2	titanium dioxide ⚠ Carcinogenicity 2, H351	2.5-<5%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0	isobutane (containing < 0,1 % butadiene (203-450-8)) ⚠ Flammable Gases 1, H220 ⚠ Gases under Pressure - Compressed gas, H280	<2.5%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0	propan-2-ol ⚠ Flammable Liquids 2, H225 ⚠ Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336	<2.5%
CAS: 1333-86-4 EINECS: 215-609-9	Carbon black ⚠ Carcinogenicity 2, H351	≤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.
CAS 9004-70-0: CLP Note T

4 First-aid measures

- **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 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.

(Contd. on page 4)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

(Contd. of page 3)

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.
Keep away from ignition sources
- **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 section 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.
- **Protective Action Criteria for Chemicals**

- **PAC-I:**

115-10-6	dimethyl ether	3,000 ppm
141-78-6	ethyl acetate	1,200 ppm
67-64-1	acetone	200 ppm
74-98-6	propane	5500* ppm
79-20-9	methyl acetate	250 ppm
106-97-8	butane (containing < 0,1 % butadiene (203-450-8))	5500* ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
13463-67-7	titanium dioxide	30 mg/m ³
75-28-5	isobutane (containing < 0,1 % butadiene (203-450-8))	5500* ppm
67-63-0	propan-2-ol	400 ppm
7631-86-9	silicon dioxide, chemically prepared	18 mg/m ³
9002-88-4	Polyethylene low density	16 mg/m ³
1333-86-4	Carbon black	9 mg/m ³
1330-20-7	xylene	130 ppm
1309-37-1	diiron trioxide	15 mg/m ³
123-86-4	n-butyl acetate	5 ppm
85-44-9	phthalic anhydride	18 mg/m ³
70657-70-4	2-methoxypropyl acetate	50 ppm
108-32-7	propylene carbonate	34 mg/m ³
112-53-8	Lauryl alcohol	12 mg/m ³
111-42-2	2,2'-iminodiethanol	3 mg/m ³

(Contd. on page 5)

US

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

		(Contd. of page 4)
100-42-5	styrene	20 ppm
50-00-0	formaldehyde	0.90 ppm
111-66-0	oct-1-ene	40 ppm
14808-60-7	Quartz (SiO ₂)	0.075 mg/m ³
· PAC-2:		
115-10-6	dimethyl ether	3800* ppm
141-78-6	ethyl acetate	1,700 ppm
67-64-1	acetone	3200* ppm
74-98-6	propane	17000** ppm
79-20-9	methyl acetate	1,700 ppm
106-97-8	butane (containing < 0,1 % butadiene (203-450-8))	17000** ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
13463-67-7	titanium dioxide	330 mg/m ³
75-28-5	isobutane (containing < 0,1 % butadiene (203-450-8))	17000** ppm
67-63-0	propan-2-ol	2000* ppm
7631-86-9	silicon dioxide, chemically prepared	740 mg/m ³
9002-88-4	Polyethylene low density	170 mg/m ³
1333-86-4	Carbon black	99 mg/m ³
1330-20-7	xylene	920* ppm
1309-37-1	diiron trioxide	360 mg/m ³
123-86-4	n-butyl acetate	200 ppm
85-44-9	phthalic anhydride	56 mg/m ³
70657-70-4	2-methoxypropyl acetate	1,000 ppm
108-32-7	propylene carbonate	370 mg/m ³
112-53-8	Lauryl alcohol	140 mg/m ³
111-42-2	2,2'-iminodiethanol	28 mg/m ³
100-42-5	styrene	130 ppm
50-00-0	formaldehyde	14 ppm
111-66-0	oct-1-ene	800* ppm
14808-60-7	Quartz (SiO ₂)	33 mg/m ³
· PAC-3:		
115-10-6	dimethyl ether	7200* ppm
141-78-6	ethyl acetate	10000** ppm
67-64-1	acetone	5700* ppm
74-98-6	propane	33000*** ppm
79-20-9	methyl acetate	10000* ppm
106-97-8	butane (containing < 0,1 % butadiene (203-450-8))	53000*** ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
13463-67-7	titanium dioxide	2,000 mg/m ³
75-28-5	isobutane (containing < 0,1 % butadiene (203-450-8))	53000*** ppm
67-63-0	propan-2-ol	12000** ppm
7631-86-9	silicon dioxide, chemically prepared	4,500 mg/m ³
9002-88-4	Polyethylene low density	1,000 mg/m ³
1333-86-4	Carbon black	590 mg/m ³
1330-20-7	xylene	2500* ppm
1309-37-1	diiron trioxide	2,200 mg/m ³
		(Contd. on page 6)

US

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

		(Contd. of page 5)
123-86-4	<i>n-butyl acetate</i>	3000* ppm
85-44-9	<i>phthalic anhydride</i>	10,000 mg/m ³
70657-70-4	<i>2-methoxypropyl acetate</i>	5,000 ppm
108-32-7	<i>propylene carbonate</i>	2,200 mg/m ³
112-53-8	<i>Lauryl alcohol</i>	820 mg/m ³
111-42-2	<i>2,2'-iminodiethanol</i>	130 mg/m ³
100-42-5	<i>styrene</i>	1100* ppm
50-00-0	<i>formaldehyde</i>	56 ppm
111-66-0	<i>oct-1-ene</i>	2000* ppm
14808-60-7	<i>Quartz (SiO₂)</i>	200 mg/m ³

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **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 section 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

115-10-6 dimethyl ether	
WEEL	Long-term value: 1000 ppm
141-78-6 ethyl acetate	
PEL	Long-term value: 1400 mg/m ³ , 400 ppm
REL	Long-term value: 1400 mg/m ³ , 400 ppm
TLV	Long-term value: 400 ppm
67-64-1 acetone	
PEL	Long-term value: 2400 mg/m ³ , 1000 ppm
REL	Long-term value: 590 mg/m ³ , 250 ppm
TLV	Short-term value: 500 ppm Long-term value: 250 ppm A4, BEI
74-98-6 propane	
PEL	Long-term value: 1800 mg/m ³ , 1000 ppm

(Contd. on page 7)

US

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

(Contd. of page 6)

REL	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV	see Appendix F Minimal oxygen content (D, EX)
79-20-9 methyl acetate	
PEL	Long-term value: 610 mg/m ³ , 200 ppm
REL	Short-term value: 760 mg/m ³ , 250 ppm Long-term value: 610 mg/m ³ , 200 ppm
TLV	Short-term value: 250 ppm Long-term value: 200 ppm
106-97-8 butane (containing < 0,1 % butadiene (203-450-8))	
REL	Long-term value: 1900 mg/m ³ , 800 ppm
TLV	Short-term value: 1000 ppm (EX)
108-65-6 2-methoxy-1-methylethyl acetate	
WEEL	Long-term value: 50 ppm
13463-67-7 titanium dioxide	
PEL	Long-term value: 15* mg/m ³ *total dust
REL	See Pocket Guide App. A
TLV	Long-term value: 0.2* 2.5** mg/m ³ resp. fraction, *nanoscale, **finescale, A3
75-28-5 isobutane (containing < 0,1 % butadiene (203-450-8))	
TLV	Short-term value: 1000 ppm (EX)
67-63-0 propan-2-ol	
PEL	Long-term value: 980 mg/m ³ , 400 ppm
REL	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm
TLV	Short-term value: 400 ppm Long-term value: 200 ppm BEI, A4
1333-86-4 Carbon black	
PEL	Long-term value: 3.5 mg/m ³
REL	Long-term value: 3.5* mg/m ³ *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV	Long-term value: 3* mg/m ³ *inhalable fraction, A3
· Ingredients with biological limit values:	
67-64-1 acetone	
BEI	25 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
67-63-0 propan-2-ol	
BEI	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)

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

(Contd. on page 8)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

(Contd. of page 7)

- **Exposure controls**
- **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.
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.

Filter A2/P3

- **Protection of hands:**



Protective gloves

- **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.
- **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
Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.
- **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:** Mixture is non-soluble (in water).
- **Change in condition**
 - Melting point/Melting range:** Undetermined.
 - Boiling point/Boiling range:** Not applicable, as aerosol.

(Contd. on page 9)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

(Contd. of page 8)

· Flash point:	Not applicable, as aerosol.
· Flammability (solid, gaseous):	Not applicable.
· Auto igniting:	455 °C (851 °F)
· Decomposition temperature:	Not determined.
· Danger of explosion:	Not determined.
· Explosion limits:	
Lower:	1.5 Vol %
Upper:	13 Vol %
· Vapor pressure at 20 °C (68 °F):	8300 hPa (6225.5 mm Hg)
· Vapor pressure at 50 °C (122 °F):	16500 hPa (12376 mm Hg)
· Density at 20 °C (68 °F):	0.8 g/cm ³ (6.7 lbs/gal)
· Relative density	Not determined.
· Vapor 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:	76.7 %
Water:	0.3 %
VOC content:	405.0 g/l / 3.38 lb/gal
Solids content:	23.6 %
· Other information	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 ³ (rat)

(Contd. on page 10)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

(Contd. of page 9)

67-64-1 acetone		
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)
64742-95-6 Hydrocarbons, C9, aromatics		
Oral	LD50	>5000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (rab) (OECD 402)
108-65-6 2-methoxy-1-methylethyl acetate		
Oral	LD50	8530 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>10000 mg/m3 (rat)
67-63-0 propan-2-ol		
Oral	LD50	5840 mg/kg (rat)
Dermal	LD50	13900 mg/kg (rabbit)
Inhalative	LC50	>25 mg/l (rat) LC 50: 6h

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

· **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)		
13463-67-7	titanium dioxide	2B
67-63-0	propan-2-ol	3
7631-86-9	silicon dioxide, chemically prepared	3
9002-88-4	Polyethylene low density	3
1333-86-4	Carbon black	2B
1330-20-7	xylene	3
1309-37-1	diiron trioxide	3
111-42-2	2,2'-iminodiethanol	2B
100-42-5	styrene	2A
50-00-0	formaldehyde	1
14808-60-7	Quartz (SiO2)	1
· NTP (National Toxicology Program)		
100-42-5	styrene	R
50-00-0	formaldehyde	K
14808-60-7	Quartz (SiO2)	K
· OSHA-Ca (Occupational Safety & Health Administration)		
50-00-0	formaldehyde	

(Contd. on page 11)

US

Page 10 of 15

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

(Contd. of page 10)

12 Ecological information· **Toxicity**· **Aquatic toxicity:****115-10-6 dimethyl ether**

EC50 / 96 h	155 mg/l (algae)
LC50 / 48 h	>4000 mg/l (daphnia magna)
LC50 / 96 h	>4000 mg/l (fish)

67-64-1 acetone

LC50/96h	8300 mg/l (fish)
EC50/96h	7200 mg/l (algae)
LC50 / 48 h	8450 mg/l (crustacean (water flea))

64742-95-6 Hydrocarbons, C9, aromatics

EC50 / 48 h	302 mg/l (daphnia magna)
EC50 / 72 h	2.75 mg/l (Pseudokirchneriella subcapitata)
EC50 / 96 h	9.2 mg/l (Regenbogenforelle)

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

EC50 / 48 h	>500 mg/l (daphnia magna)
LC50 / 96 h	100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)

67-63-0 propan-2-ol

LC50/96h	9640 mg/l (pimephales promelas; 96h)
LC50 / 24 h	9714 mg/l (daphnia magna)

· **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:**

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

· **Uncleaned packagings:**· **Recommendation:**

Disposal must be made according to official regulations.

Disposal must be made according to official regulations.

14 Transport information· **UN-Number**· **DOT, IMDG, IATA**

UN1950

(Contd. on page 12)

US

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

(Contd. of page 11)

· UN proper shipping name

· DOT

· IMDG

· IATA

Aerosols, flammable

AEROSOLS

AEROSOLS, flammable

· Transport hazard class(es)

· DOT



· Class

2.1 Gases

· Label

2.1

· IMDG, IATA



· Class

2.1 Gases

· Label

2.1

· Packing group

· DOT, IMDG, IATA

not regulated

· Environmental hazards:

Not applicable.

· Special precautions for user

Warning: Gases

· Hazard identification number (Kemler code):

-

· EMS Number:

F-D,S-U

· Stowage Code

SW1 Protected from sources of heat.
 Category A. For AEROSOLS with a capacity above 1 litre:
 Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
 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.

· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

· Transport/Additional information:

· DOT

· Quantity limitations

On passenger aircraft/rail: 75 kg
 On cargo aircraft only: 150 kg

· IMDG

· Limited quantities (LQ)

1L

· Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

· UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

US

(Contd. on page 13)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

(Contd. of page 12)

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
No further relevant information available.
- Sara

· Section 355 (extremely hazardous substances):		
50-00-0	formaldehyde	
· Section 313 (Specific toxic chemical listings):		
67-63-0	propan-2-ol	
1330-20-7	xylene	
85-44-9	phthalic anhydride	
111-42-2	2,2'-iminodiethanol	
100-42-5	styrene	
50-00-0	formaldehyde	
· TSCA (Toxic Substances Control Act):		
115-10-6	dimethyl ether	ACTIVE
141-78-6	ethyl acetate	ACTIVE
67-64-1	acetone	ACTIVE
74-98-6	propane	ACTIVE
79-20-9	methyl acetate	ACTIVE
106-97-8	butane (containing < 0,1 % butadiene (203-450-8))	ACTIVE
64742-95-6	Hydrocarbons, C9, aromatics	ACTIVE
9004-70-0	cellulose nitrate	ACTIVE
108-65-6	2-methoxy-1-methylethyl acetate	ACTIVE
13463-67-7	titanium dioxide	ACTIVE
75-28-5	isobutane (containing < 0,1 % butadiene (203-450-8))	ACTIVE
1345-05-7	Zinksulfid-Barium-Mischsalz	ACTIVE
67-63-0	propan-2-ol	ACTIVE
7631-86-9	silicon dioxide, chemically prepared	ACTIVE
9002-88-4	Polyethylene low density	ACTIVE
1333-86-4	Carbon black	ACTIVE
1330-20-7	xylene	ACTIVE
147-14-8	phthalocyanine blue	ACTIVE
7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
9011-05-6	Urea, polymer with formaldehyde	ACTIVE
1309-37-1	diiron trioxide	ACTIVE
	mixture of: N,N'-ethane-1,2-diylbis(hexanamide); 12-hydroxy-N-[2-[(1-oxylhexyl) amino]ethyl]octadecanamide; N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)	*
84632-65-5	C.I. Pigment Red 254	ACTIVE
31837-42-0	Pigment Yellow 151	ACTIVE
5521-31-3	C.I. Pigment Rot 179	ACTIVE
1328-53-6	phthalocyanine green	ACTIVE
68512-13-0	C-I Pigment Grün 36	ACTIVE
92797-60-9	Silan, Trimethoxyoctyl- Hydrolyseprodukt mit Siliciumdioxid	ACTIVE
1047-16-1	C.I. Pigment Violet 19	ACTIVE
5590-18-1	3,3'-(1,4-phenylenediimino)bis[4,5,6,7-tetrachloro-1H-isoindol-1-one]	ACTIVE

(Contd. on page 14)

US

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

(Contd. of page 13)

· Hazardous Air Pollutants	
1330-20-7	xylene
85-44-9	phthalic anhydride
111-42-2	2,2'-iminodiethanol
100-42-5	styrene
50-00-0	formaldehyde

· Proposition 65	
· Chemicals known to cause cancer:	
13463-67-7	titanium dioxide
1333-86-4	Carbon black
111-42-2	2,2'-iminodiethanol
100-42-5	styrene
50-00-0	formaldehyde
14808-60-7	Quartz (SiO2)

· 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:
None of the ingredients is listed.

· Carcinogenic categories		
· EPA (Environmental Protection Agency)		
67-64-1	acetone	I
1330-20-7	xylene	I
50-00-0	formaldehyde	B1

· TLV (Threshold Limit Value)		
67-64-1	acetone	A4
13463-67-7	titanium dioxide	A4
67-63-0	propan-2-ol	A4
1333-86-4	Carbon black	A4
1330-20-7	xylene	A4
1309-37-1	diiron trioxide	A4
85-44-9	phthalic anhydride	A4
111-42-2	2,2'-iminodiethanol	A3
100-42-5	styrene	A4
50-00-0	formaldehyde	A2
14808-60-7	Quartz (SiO2)	A2

· NIOSH-Ca (National Institute for Occupational Safety and Health)	
13463-67-7	titanium dioxide
1333-86-4	Carbon black
50-00-0	formaldehyde
14808-60-7	Quartz (SiO2)

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

(Contd. on page 15)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/10/2023

Reviewed on 08/10/2023

Trade name: MONTANA BLACK USA Colors

(Contd. of page 14)

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**

H201 Explosive; mass explosion hazard.
H220 Extremely flammable gas.
H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.

- **Contact:**

- **Date of preparation / last revision 08/10/2023**

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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
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
BEI: Biological Exposure Limit
ACGIH: American Conference of Governmental Industrial Hygienists
Explosives 1.1: Explosives – Division 1.1
Flammable Gases 1: Flammable gases – Category 1
Flammable Aerosols 1: Aerosols – Category 1
Gases under Pressure - Compressed gas: Gases under pressure – Compressed gas
Flammable Liquids 2: Flammable liquids – Category 2
Flammable Liquids 3: Flammable liquids – Category 3
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
Carcinogenicity 2: Carcinogenicity – Category 2
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3
Aspiration Hazard 1: Aspiration hazard – Category 1

US

Item Numbers: 01429-1001, 01429-1002, 01429-1003, 01429-1004, 01429-1005, 01429-1006, 01429-1007, 01429-1010, 01429-1020, 01429-1026, 01429-1030, 01429-1040, 01429-1050, 01429-1060, 01429-1070, 01429-1080, 01429-1090, 01429-1100, 01429-1106, 01429-1110, 01429-1120, 01429-1130, 01429-1140, 01429-1150, 01429-1160, 01429-1170, 01429-1180, 01429-1190, 01429-1200, 01429-1210, 01429-1220, 01429-1230, 01429-1240, 01429-1250, 01429-1260, 01429-1266, 01429-1270, 01429-1280, 01429-1286, 01429-1290, 01429-1300, 01429-1310, 01429-1320, 01429-1330, 01429-1340, 01429-1350, 01429-1360, 01429-1370, 01429-1380, 01429-1390, 01429-1400, 01429-1410, 01429-1420, 01429-1430, 01429-1440, 01429-1450, 01429-1460, 01429-1470, 01429-1480, 01429-1490, 01429-1500, 01429-1510, 01429-1520, 01429-1530, 01429-1540, 01429-1550, 01429-1560, 01429-1570, 01429-1580, 01429-1610, 01429-1620, 01429-1630, 01429-1640, 01429-1650, 01429-1660, 01429-1670, 01429-1680, 01429-1690, 01429-1700, 01429-1710, 01429-1720, 01429-1730, 01429-1740, 01429-1750, 01429-1760, 01429-1770, 01429-1780, 01429-1790, 01429-1800, 01429-1810, 01429-1820, 01429-1830, 01429-1840, 01429-1850, 01429-1860, 01429-1870, 01429-1880, 01429-2020, 01429-2021, 01429-2026, 01429-2027, 01429-2035, 01429-2046, 01429-2180, 01429-2220, 01429-2226, 01429-2300, 01429-2310, 01429-2320, 01429-2330, 01429-2340, 01429-2350, 01429-2360, 01429-2370, 01429-2380, 01429-2390, 01429-2400, 01429-2410, 01429-2420, 01429-2430, 01429-2440, 01429-2450, 01429-2460, 01429-2580, 01429-2590, 01429-2610, 01429-3010, 01429-3016, 01429-3040, 01429-3050, 01429-3060, 01429-3110, 01429-3120, 01429-3130, 01429-3140, 01429-3150, 01429-3156, 01429-3160, 01429-3230, 01429-3340, 01429-3450, 01429-3550, 01429-3790, 01429-3900, 01429-4010, 01429-4020, 01429-4030, 01429-4040, 01429-4050, 01429-4300, 01429-4510, 01429-4590, 01429-4600, 01429-4910, 01429-4916, 01429-4920, 01429-4930, 01429-4940, 01429-5010, 01429-5020, 01429-5050, 01429-5140, 01429-5230, 01429-5236, 01429-5290, 01429-5350, 01429-5356, 01429-5450, 01429-5550, 01429-5560, 01429-5590, 01429-5900, 01429-5910, 01429-5920, 01429-5930, 01429-5990, 01429-6040, 01429-6110, 01429-6410, 01429-6416, 01429-6510, 01429-6590, 01429-7010, 01429-7040, 01429-7050, 01429-7060, 01429-7070, 01429-7080, 01429-7090, 01429-7100, 01429-7110, 01429-7240, 01429-7330, 01429-7370, 01429-7376, 01429-7600, 01429-7730, 01429-7910, 01429-7930, 01429-8100, 01429-8140, 01429-8220, 01429-8430, 01429-8480, 01429-8540, 01429-8930, 01429-9316, 01429-9327, 01429-2050, 01429-2060, 01429-2070, 01429-3020