

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/28/2022

Reviewed on 01/28/2022

1 Identification

- **Product identifier**
- **Trade name:** MONTANA BLACKOUT
- **Article number:** 401435, 745294alt
- **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.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

Flam. Aerosol 1 H222 Extremely flammable aerosol.



GHS04 Gas cylinder

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



GHS08 Health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 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).

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Hazard pictograms



GHS02 GHS04 GHS07 GHS08

Signal word Danger

Hazard-determining components of labeling:

Hydrocarbons
cyclohexane
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
ethyl acetate

Hazard statements

H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H315 Causes skin irritation.
H361 Suspected of damaging fertility or the unborn child.
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.
P280 Wear protective gloves / eye protection.
P285 In case of inadequate ventilation wear respiratory protection.
P302+P352 If on skin: Wash with plenty of soap and 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 = 1
Fire = 4
Reactivity = 3

HMIS-ratings (scale 0 - 4)



Health = 1
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 ⚠ Press. Gas, H280 | 25-<50% |
|--|--------------------------------------|---------|

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| | | (Contd. of page 2) |
|--|--|--------------------|
| CAS: 1330-20-7 EC number: 905-588-0 Index number: 601-022-00-9 | xylene ⚠ Flam. Liq. 3, H226 ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315 | 12.5-<20% |
| CAS: 92128-67-1 EC number: 927-510-4 | Hydrocarbons ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336 | 10-<12.5% |
| CAS: 110-82-7 EINECS: 203-806-2 Index number: 601-017-00-1 | cyclohexane ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336 | 5-<10% |
| 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 | 2.5-<5% |
| CAS: 68920-06-9 EC number: 920-750-0 | Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ STOT SE 3, H336 | 2.5-<5% |
| CAS: 109-66-0 EINECS: 203-692-4 Index number: 601-006-00-1 | pentane ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ STOT SE 3, H336 | <2.5% |
| CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-00-4 | Solvent naphtha (petroleum), light arom. ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336 | <2.5% |
| CAS: 92128-66-0 EC number: 921-024-6 | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336 | <2.5% |
| EC number: 922-114-8 | Hydrocarbons, C5-C7, n-alkanes, isoalkanes, < 5% n-hexane ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336 | <2.5% |
| CAS: 110-54-3 EINECS: 203-777-6 Index number: 601-037-00-0 | n-hexane ⚠ Flam. Liq. 2, H225 ⚠ Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336 | ≤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.

Xylol: Enthält Ethylbenzol CAS 100-41-4

4 First-aid measures**Description of first aid measures**

- **After inhalation:** 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.
- **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.

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

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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 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.
- **Protective Action Criteria for Chemicals**

· **PAC-1:**

| | | |
|------------|--|-------------------------|
| 115-10-6 | dimethyl ether | 3,000 ppm |
| 1330-20-7 | xylene | 130 ppm |
| 110-82-7 | cyclohexane | 300 ppm |
| 141-78-6 | ethyl acetate | 1,200 ppm |
| 109-66-0 | pentane | 3000* ppm |
| 64742-49-0 | Hydrocarbons, C6, isoalkanes, <5% n-hexane | 1,000 mg/m ³ |
| 110-54-3 | n-hexane | 260 ppm |

· **PAC-2:**

| | | |
|------------|--|--------------------------|
| 115-10-6 | dimethyl ether | 3800* ppm |
| 1330-20-7 | xylene | 920* ppm |
| 110-82-7 | cyclohexane | 1700* ppm |
| 141-78-6 | ethyl acetate | 1,700 ppm |
| 109-66-0 | pentane | 33000*** ppm |
| 64742-49-0 | Hydrocarbons, C6, isoalkanes, <5% n-hexane | 11,000 mg/m ³ |
| 110-54-3 | n-hexane | 2900* ppm |

· **PAC-3:**

| | | |
|-----------|----------------|---------------|
| 115-10-6 | dimethyl ether | 7200* ppm |
| 1330-20-7 | xylene | 2500* ppm |
| 110-82-7 | cyclohexane | 10000** ppm |
| 141-78-6 | ethyl acetate | 10000** ppm |
| 109-66-0 | pentane | 200000*** ppm |

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| | | |
|------------|--|--|
| 64742-49-0 | Hydrocarbons, C6, isoalkanes, <5% n-hexane | (Contd. of page 4) 66,000 mg/m ³ |
| 110-54-3 | n-hexane | 8600** ppm |

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 item 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 |
| 1330-20-7 xylene | |
| PEL | Long-term value: 435 mg/m ³ , 100 ppm |
| REL | Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm |
| TLV | Short-term value: (150) ppm Long-term value: (100) NIC-20 ppm BEI, A4 |
| 110-82-7 cyclohexane | |
| PEL | Long-term value: 1050 mg/m ³ , 300 ppm |
| REL | Long-term value: 1050 mg/m ³ , 300 ppm |
| TLV | Long-term value: 100 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 |
| 109-66-0 pentane | |
| PEL | Long-term value: 2950 mg/m ³ , 1000 ppm |
| REL | Long-term value: 350 mg/m ³ , 120 ppm Ceiling limit value: 1800* mg/m ³ , 610* ppm *15-min |
| TLV | Long-term value: 1000 ppm |

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110-54-3 n-hexane

| | |
|-----|---|
| PEL | Long-term value: 1800 mg/m ³ , 500 ppm |
| REL | Long-term value: 180 mg/m ³ , 50 ppm |
| TLV | Long-term value: 50 ppm |
| | Skin; BEI |

Ingredients with biological limit values:

1330-20-7 xylene

| | |
|-----|---------------------------------|
| BEI | 1.5 g/g creatinine |
| | Medium: urine |
| | Time: end of shift |
| | Parameter: Methylhippuric acids |

110-82-7 cyclohexane

| | |
|-----|--|
| BEI | NIC-50 mg/g creatinine |
| | Medium: - |
| | Time: end of shift at end of workweek |
| | Parameter: NIC-1.2-Cyclohexanediol (nonspecific) |

110-54-3 n-hexane

| | |
|-----|---|
| BEI | 0.5 mg/L |
| | Medium: urine |
| | Time: end of shift |
| | Parameter: 2.5-Hexanedione without hydrolysis |

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.
- Wash hands before breaks and at the end of work.
- Do not inhale gases / fumes / aerosols.
- Avoid contact with the skin.
- Avoid contact with the eyes and skin.

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

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particular cases.
· **Eye protection:** Not required.

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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.
- **Flash point:** Not applicable, as aerosol.
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 235 °C (455 °F)
- **Decomposition temperature:** Not determined.
- **Danger of explosion:** Not determined.
- **Explosion limits:**
 - **Lower:** 1 Vol %
 - **Upper:** 26.2 Vol %
- **Vapor pressure at 20 °C (68 °F):** 4000 hPa (3000.2 mm Hg)
- **Density at 20 °C (68 °F):** 0.9 g/cm³ (7.5 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:** 77.2 %
 - **VOC content:** 660.0 g/l / 5.51 lb/gal
- **Solids content:** 23.0 %
- **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.

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- **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:

| | | |
|--|------------|------------------------------|
| 1330-20-7 xylene | | |
| Oral | LD50 | 3523 mg/kg (rat) |
| Dermal | LD50 | 2000 mg/kg (rabbit) |
| Inhalative | LC50 / 4 h | 29000 mg/m3 (rat) |
| 141-78-6 ethyl acetate | | |
| Oral | LD50 | >18000 mg/kg (rab) |
| Dermal | LD50 | 5620 mg/kg (rat) |
| Inhalative | LC50 / 4 h | 1600 mg/m3 (rat) |
| 68920-06-9 Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics | | |
| Oral | LD50 | >5000 mg/kg (rat) |
| Dermal | LD50 | >2000 mg/kg (rat) |
| Inhalative | LC50 / 4 h | >20000 mg/m3 (rat) |
| 109-66-0 pentane | | |
| Oral | LD50 | >5000 mg/kg (rat) |
| Inhalative | LC50 / 4h | 25.3 mg/l (rat) |
| 64742-95-6 Solvent naphtha (petroleum), light arom. | | |
| Oral | LD50 | >5000 mg/kg (rat) (OECD 401) |
| Dermal | LD50 | >2000 mg/kg (rab) (OECD 402) |
| 92128-66-0 Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | | |
| Oral | LD50 | >5000 mg/kg (rat) |
| Dermal | LD50 | >2000 mg/kg (rat) |
| Inhalative | LC50 / 4 h | >20 mg/m3 (rat) |

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **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) | | |
| 1330-20-7 | xylene | 3 |
| · NTP (National Toxicology Program) | | |
| None of the ingredients is listed. | | |
| · OSHA-Ca (Occupational Safety & Health Administration) | | |
| None of the ingredients is listed. | | |

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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) |

1330-20-7 xylene

| | |
|-------------|--------------------------|
| EC50 / 48 h | 7.4 mg/l (daphnia magna) |
| LC50 / 96 h | 13.5 mg/l (fish) |

68920-06-9 Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

| | |
|------|-----------------|
| EC50 | 50 mg/l (algae) |
| | 5 mg/l (fish) |

109-66-0 pentane

| | |
|-------------|--------------------------|
| EC50 / 48 h | 9.7 mg/l (daphnia magna) |
| EC50 / 96 h | 4.26 mg/l (fish) |
| LC50 / 96 h | 4.26 mg/l (fish) |

92128-66-0 Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

| | |
|-------------|---|
| EC50 / 48 h | 3 mg/l (daphnia magna / Wasserfloh) |
| EC50 / 72 h | 30 mg/l (Pseudokirchneriella Subcapitata) |
| LC50 / 96 h | 11.4 mg/l (oncorhynchus mykiss / Regenbogenforelle) |

- **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 2 (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.

- **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

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· **UN proper shipping name**
 · **DOT** Aerosols, flammable
 · **IMDG** AEROSOLS
 · **IATA** AEROSOLS, flammable

· **Transport hazard class(es)**
 · **DOT**



· **Class** 2.1 Gases
 · **Label** 2.1

· **IMDG**



· **Class** 2 Gases
 · **Label** 2.1

· **IATA**



· **Class** 2.1 Gases
 · **Label** 2.1

· **Packing group**
 · **DOT, IMDG, IATA** not regulated

· **Environmental hazards:**
 · **Marine pollutant:** Yes

· **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.
 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.
 · **Segregation Code** 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.

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· 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, ENVIRONMENTALLY HAZARDOUS

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

110-82-7 cyclohexane

110-54-3 n-hexane

· TSCA (Toxic Substances Control Act):

115-10-6 dimethyl ether

ACTIVE

1330-20-7 xylene

ACTIVE

110-82-7 cyclohexane

ACTIVE

141-78-6 ethyl acetate

ACTIVE

68920-06-9 Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

ACTIVE

109-66-0 pentane

ACTIVE

64742-95-6 Solvent naphtha (petroleum), light arom.

ACTIVE

64742-49-0 Hydrocarbons, C6, isoalkanes, <5% n-hexane

ACTIVE

110-54-3 n-hexane

ACTIVE

· Hazardous Air Pollutants

1330-20-7 xylene

110-54-3 n-hexane

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

110-54-3 n-hexane

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories

· EPA (Environmental Protection Agency)

1330-20-7 xylene

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| | | |
|----------|-------------|----|
| 110-82-7 | cyclohexane | I |
| 110-54-3 | n-hexane | II |

· **TLV (Threshold Limit Value)**

| | | |
|-----------|--------|----|
| 1330-20-7 | xylene | A4 |
|-----------|--------|----|

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

· **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**

- 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.
- 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.
- H361 Suspected of damaging fertility or the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.

· **Contact:**· **Date of preparation / last revision** 01/28/2022 / 1· **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 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
- Flam. Aerosol 1: Aerosols – Category 1
- Press. Gas: Gases under pressure – Compressed gas
- Flam. Liq. 2: Flammable liquids – Category 2
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
- Repr. 2: Reproductive toxicity – Category 2

(Contd. on page 13)

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Safety Data Sheet
acc. to OSHA HCS

MSDS for #01449 - MONTANA BLACK

Printing date 01/28/2022

Reviewed on 01/28/2022

Trade name: MONTANA BLACKOUT

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

(Contd. of page 12)

· *** Data compared to the previous version altered.**

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