

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/19/2023

Reviewed on 01/19/2023

1 Identification

- **Product identifier**
- **Trade name:** MONTANA Rust effect 400ml
- **Article number:** 532580, 532573
- **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

Flammable Aerosols 1

H222 Extremely flammable aerosol.



GHS08 Health hazard

Carcinogenicity 1A

H350 May cause cancer.



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).

- **Hazard pictograms**



GHS02



GHS07



GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

acetone
ethanol

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n-butyl acetate

2-methoxy-1-methylethyl acetate

- **Hazard statements**

H222 Extremely flammable aerosol.

H319 Causes serious eye irritation.

H350 May cause cancer.

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: 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	20-<25%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1	<i>n</i> -butyl acetate ⚠ Flammable Liquids 3, H226 ⚠ Specific Target Organ Toxicity - Single Exposure 3, H336	12.5-<20%
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: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5	propane ⚠ Flammable Gases 1, H220 ⚠ Gases under Pressure - Compressed gas, H280	10-<12.5%
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: 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%

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CAS: 9004-70-0	cellulose nitrate Explosives 1.1, H201	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-<5%
CAS: 1330-20-7 EC number: 905-588-0 Index number: 601-022-00-9	xylene Flammable Liquids 3, H226 Acute Toxicity - Dermal 4, H312; Acute Toxicity - Inhalation 4, H332; Skin Irritation 2, H315	<2.5%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5	ethanol Flammable Liquids 2, H225 Carcinogenicity 1A, H350 Eye Irritation 2A, H319	<2.5%

· **Additional information:**

Xylol: Enthält Ethylbenzol CAS 100-41-4

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.
- **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.
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.

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

67-64-1	acetone	200 ppm
123-86-4	n-butyl acetate	5 ppm
115-10-6	dimethyl ether	3,000 ppm
74-98-6	propane	5500* ppm
106-97-8	butane (containing < 0,1 % butadiene (203-450-8))	5500* ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
75-28-5	isobutane (containing < 0,1 % butadiene (203-450-8))	5500* ppm
1330-20-7	xylene	130 ppm
64-17-5	ethanol	1,800 ppm
1309-37-1	diiron trioxide	15 mg/m ³
103-23-1	Di-(2-ethylhexyl) adipate	17 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	18 mg/m ³
67-63-0	propan-2-ol	400 ppm
1333-86-4	Carbon black	9 mg/m ³
64742-48-9	Naphtha (petroleum), hydrotreated heavy	350 mg/m ³
70657-70-4	2-methoxypropyl acetate	50 ppm
14808-60-7	Quartz (SiO ₂)	0.075 mg/m ³
100-42-5	styrene	20 ppm
111-66-0	oct-1-ene	40 ppm

· **PAC-2:**

67-64-1	acetone	3200* ppm
123-86-4	n-butyl acetate	200 ppm
115-10-6	dimethyl ether	3800* ppm
74-98-6	propane	17000** 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
75-28-5	isobutane (containing < 0,1 % butadiene (203-450-8))	17000** ppm
1330-20-7	xylene	920* ppm
64-17-5	ethanol	3300* ppm
1309-37-1	diiron trioxide	360 mg/m ³
103-23-1	Di-(2-ethylhexyl) adipate	180 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	740 mg/m ³
67-63-0	propan-2-ol	2000* ppm
1333-86-4	Carbon black	99 mg/m ³
64742-48-9	Naphtha (petroleum), hydrotreated heavy	1,800 mg/m ³
70657-70-4	2-methoxypropyl acetate	1,000 ppm
14808-60-7	Quartz (SiO ₂)	33 mg/m ³
100-42-5	styrene	130 ppm
111-66-0	oct-1-ene	800* ppm

· **PAC-3:**

67-64-1	acetone	5700* ppm
123-86-4	n-butyl acetate	3000* ppm
115-10-6	dimethyl ether	7200* ppm
74-98-6	propane	33000*** ppm

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106-97-8	butane (containing < 0,1 % butadiene (203-450-8))	53000*** ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
75-28-5	isobutane (containing < 0,1 % butadiene (203-450-8))	53000*** ppm
1330-20-7	xylene	2500* ppm
64-17-5	ethanol	15000* ppm
1309-37-1	diiron trioxide	2,200 mg/m ³
103-23-1	Di-(2-ethylhexyl) adipate	1,100 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	4,500 mg/m ³
67-63-0	propan-2-ol	12000** ppm
1333-86-4	Carbon black	590 mg/m ³
64742-48-9	Naphtha (petroleum), hydrotreated heavy	40,000 mg/m ³
70657-70-4	2-methoxypropyl acetate	5,000 ppm
14808-60-7	Quartz (SiO ₂)	200 mg/m ³
100-42-5	styrene	1100* ppm
111-66-0	oct-1-ene	2000* 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 remaining constituent has no known exposure limits.

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

123-86-4 n-butyl acetate

PEL	Long-term value: 710 mg/m ³ , 150 ppm
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REL	Short-term value: 950 mg/m ³ , 200 ppm Long-term value: 710 mg/m ³ , 150 ppm
TLV	Short-term value: 150 ppm Long-term value: 50 ppm
115-10-6 dimethyl ether	
WEEL	Long-term value: 1000 ppm
74-98-6 propane	
PEL	Long-term value: 1800 mg/m ³ , 1000 ppm
REL	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV	see Appendix F Minimal oxygen content (D, EX)
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
75-28-5 isobutane (containing < 0,1 % butadiene (203-450-8))	
TLV	Short-term value: 1000 ppm (EX)
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	Long-term value: 20 ppm BEI, A4
64-17-5 ethanol	
PEL	Long-term value: 1900 mg/m ³ , 1000 ppm
REL	Long-term value: 1900 mg/m ³ , 1000 ppm
TLV	Short-term value: 1000 ppm A3
· Ingredients with biological limit values:	
67-64-1 acetone	
BEI	25 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
1330-20-7 xylene	
BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids

· **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.
- Store protective clothing separately.
- Do not inhale gases / fumes / aerosols.
- Avoid contact with the eyes and skin.

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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.

· **Flash point:** Not applicable, as aerosol.

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 240 °C (464 °F)

· **Decomposition temperature:** Not determined.

· **Danger of explosion:** Not determined.

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· Explosion limits:	
Lower:	1.2 Vol %
Upper:	26.2 Vol %
· Vapor pressure at 20 °C (68 °F):	8300 hPa (6225.5 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:	84.4 %
VOC content:	644.1 g/l / 5.38 lb/gal
Solids content:	14.8 %
· 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:**

67-64-1 acetone

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)

123-86-4 n-butyl acetate

Oral	LD50	10800 mg/kg (rat) (OECD 401)
Dermal	LD50	>17600 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>21 mg/m ³ (rat)

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/m ³ (rat)

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1330-20-7 xylene

Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 mg/m ³ (rat)

64-17-5 ethanol

Oral	LD50	10470 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50 / 4h	120 mg/l (rat)

· **Primary irritant effect:**· **on the skin:** No irritant effect.· **on the eye:** 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)**

9011-14-7	Polymethylmethacrylat	3
1330-20-7	xylene	3
64-17-5	ethanol	1
1309-37-1	diiron trioxide	3
103-23-1	Di-(2-ethylhexyl) adipate	3
7631-86-9	silicon dioxide, chemically prepared	3
67-63-0	propan-2-ol	3
1333-86-4	Carbon black	2B
14808-60-7	Quartz (SiO ₂)	1
100-42-5	styrene	2A

· **NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO ₂)	K
100-42-5	styrene	R

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information· **Toxicity**· **Aquatic toxicity:****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))

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)

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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)

1330-20-7 xylene

EC50 / 48 h 7.4 mg/l (daphnia magna)

LC50 / 96 h 13.5 mg/l (fish)

64-17-5 ethanol

LC50/96h 13000 mg/l (oncorhynchus mykiss / Regenbogenforelle)

EC50 / 48 h 12900 mg/l (algae)


LC50 / 48 h 12340 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:** 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
- **IMDG** AEROSOLS
- **IATA** AEROSOLS, flammable
- **Transport hazard class(es)**
- **DOT**
- 
- **Class** 2.1 Gases

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· 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. 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.
· 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

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

103-23-1 Di-(2-ethylhexyl) adipate

67-63-0 propan-2-ol

7429-90-5 aluminium powder (stabilised)

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100-42-5	styrene	
· TSCA (Toxic Substances Control Act):		
67-64-1	acetone	ACTIVE
123-86-4	n-butyl acetate	ACTIVE
115-10-6	dimethyl ether	ACTIVE
74-98-6	propane	ACTIVE
106-97-8	butane (containing < 0,1 % butadiene (203-450-8))	ACTIVE
108-65-6	2-methoxy-1-methylethyl acetate	ACTIVE
9004-70-0	cellulose nitrate	ACTIVE
68476-20-0	Fatty acids, vegetable-oil, polymers with glycerol, pentaerythritol and phthalic anhydride	INACTIVE
75-28-5	isobutane (containing < 0,1 % butadiene (203-450-8))	ACTIVE
9011-14-7	Polymethylmethacrylat	ACTIVE
1330-20-7	xylene	ACTIVE
64-17-5	ethanol	ACTIVE
1309-37-1	diiron trioxide	ACTIVE
103-23-1	Di-(2-ethylhexyl) adipate	ACTIVE
7631-86-9	silicon dioxide, chemically prepared	ACTIVE
36888-99-0	2,4,6-(1H,3H,5H)-Pyrimidinetrione,5,5'-(1H-isoindole-1,3(2H)-diylidene)bis-	ACTIVE
67-63-0	propan-2-ol	ACTIVE
7429-90-5	aluminium powder (stabilised)	ACTIVE
64742-95-6	Hydrocarbons, C9, aromatics	ACTIVE
1333-86-4	Carbon black	ACTIVE
64742-82-1	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	ACTIVE
64742-95-6	Solvent naphtha (petroleum), light arom.	ACTIVE
1328-53-6	phthalocyanine green	ACTIVE
64742-48-9	Naphtha (petroleum), hydrotreated heavy	ACTIVE
8002-74-2	Paraffin waxes and Hydrocarbon waxes	ACTIVE
1302-78-9	bentonite	ACTIVE
64742-60-5	Hydrocarbon waxes (petroleum)	ACTIVE
70657-70-4	2-methoxypropyl acetate	*
14808-60-7	Quartz (SiO ₂)	ACTIVE
100-42-5	styrene	ACTIVE

· Hazardous Air Pollutants

1330-20-7	xylene
100-42-5	styrene

· Proposition 65**· Chemicals known to cause cancer:**

1333-86-4	Carbon black
14808-60-7	Quartz (SiO ₂)
100-42-5	styrene

· 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.

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

64-17-5 ethanol

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

67-64-1	acetone	I
1330-20-7	xylene	I
103-23-1	Di-(2-ethylhexyl) adipate	C

· **TLV (Threshold Limit Value)**

67-64-1	acetone	A4
1330-20-7	xylene	A4
64-17-5	ethanol	A3
1309-37-1	diiron trioxide	A4
67-63-0	propan-2-ol	A4
7429-90-5	aluminium powder (stabilised)	A4
1333-86-4	Carbon black	A4
14808-60-7	Quartz (SiO ₂)	A2
100-42-5	styrene	A4

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

1333-86-4	Carbon black
14808-60-7	Quartz (SiO ₂)

· **National regulations:**

· **Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

· **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**

- 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.
- 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.
- H350 May cause cancer.

· **Contact:**

· **Date of preparation / last revision** 01/19/2023

· **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)

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*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**Acute Toxicity - Dermal 4: Acute toxicity – Category 4**Skin Irritation 2: Skin corrosion/irritation – Category 2**Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A**Carcinogenicity 1A: Carcinogenicity – Category 1A**Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3*

US