



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Cherry Fast Wax

Version number: GHS 1.0

Date of compilation: 2019-04-11

SECTION 1: Identification

1.1 Product identifier

Trade name Bloomco Cherry Fast Wax

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses Polymer paint sealer

1.3 Details of the supplier of the safety data sheet

Bloomco, Division of Double B Automotive Warehousing Inc.
5035 North Service Road, #B1
Burlington, Ontario, Canada L7L 5V2

Telephone: (905) 332-8070 OR
1-(800) 667-9168

Website: Bloomco.ca

Email (competent person): info@bloomco.ca

1.4 Emergency telephone number Emergency information service

CANUTEC 613-996-6666 OR *666 for cell phones

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture Classification acc. to GHS

Section	Hazard class	Category	Hazard class and category	Hazard statement
2.6	flammable liquid	3	Flam. Liq. 3	H226
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.7	reproductive toxicity	2	Repr. 2	H361fd

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources. The mixture contains a substance that was identified as a PBT (persistent, bioaccumulative and toxic). The mixture contains a substance that was identified as vPvB (very persistent and very bioaccumulative).

Additional information

Containing a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$.

2.2 Label elements Labeling

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- Signal word warning

- Pictograms

GHS08



GHS02, GHS07,

- Hazard statements

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

- Precautionary statements

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P321 Specific treatment (see on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Hazardous ingredients for labelling Naphtha (petroleum), hydrotreated light, octamethylcyclotetrasiloxane, Zirconium 2-ethylhexanoate

2.3 Other hazards
of no significance



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SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Hazardous ingredients acc. to GHS				
Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
Naphtha (petroleum), hydrotreated light	CAS No 64742-49-0	12 – < 20	Flam. Liq. 2 / H225 Skin Irrit. 2 / H315 Repr. 2 / H361d STOT SE 3 / H336 Asp. Tox. 1 / H304	
octamethylcyclotetrasiloxane	CAS No 556-67-2	3 – < 12	Flam. Liq. 3 / H226 Repr. 2 / H361f	PBT vPvB
China Clay, calcined	CAS No 66402-68-4	3 – < 12	Acute Tox. 4 / H332	
decamethylcyclopentasiloxane	CAS No 541-02-6	1 – < 3	Flam. Liq. 4 / H227	PBT vPvB

Hazardous ingredients acc. to GHS				
Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
Stoddard solvent	CAS No 64742-47-8	0.1 – < 1	Flam. Liq. 3 / H226 Acute Tox. 3 / H331 Skin Irrit. 2 / H315 STOT RE 1 / H372 Asp. Tox. 1 / H304	
Benzaldehyde	CAS No 100-52-7	0.1 – < 1	Flam. Liq. 4 / H227 Acute Tox. 4 / H302 Acute Tox. 3 / H331 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 STOT SE 3 / H335	
Zirconium 2-ethylhexanoate	CAS No 22464-99-9	0.1 – < 1	Repr. 2 / H361d	

Notes

PBT: The substance was identified as a PBT (persistent, bioaccumulative and toxic)
vPvB: The substance was identified as a vPvB (very persistent and very bioaccumulative)



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For full text of abbreviations: see SECTION 16. Exact percentage of ingredients is withheld as a trade secret.

SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing

media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures For

non-emergency personnel Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.



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6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains

Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Control of the effects

Protect against external exposure, such as

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Frost

- Ventilation requirements
Use local and general ventilation. Ground/bond container and receiving equipment.
- Packaging compatibilities
Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

7.3 Specific end use(s)
See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
CA	benzaldehyde	100-52-7	OEL (ON)			4	17				Regulation 833
CA	Jet fuels	6474247-8	OEL (BC)		200					HyCarb, i, vap	"BC Regulation"

Notation

- Ceiling-C ceiling value is a limit value above which exposure should not occur
- HyCarb calculated as hydrocarbons
- i inhalable fraction
- STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
- TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours
- timeweighted average (unless otherwise specified)
- vap as vapors

Relevant DNELs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
octamethylcyclotetrasiloxane	556-67-2	DNEL	73 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
octamethylcyclotetrasiloxane	556-67-2	DNEL	73 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects

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Relevant DNELs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
octamethylcyclotetrasiloxane	556-67-2	DNEL	73 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
octamethylcyclotetrasiloxane	556-67-2	DNEL	73 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
China Clay, calcined	66402-68-4	DNEL	15.63 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
decamethylcyclopentasiloxane	541-02-6	DNEL	97.3 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
decamethylcyclopentasiloxane	541-02-6	DNEL	97.3 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
decamethylcyclopentasiloxane	541-02-6	DNEL	24.2 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
decamethylcyclopentasiloxane	541-02-6	DNEL	24.2 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
Stoddard solvent	64742-47-8	DNEL	44 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Stoddard solvent	64742-47-8	DNEL	55 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
Stoddard solvent	64742-47-8	DNEL	44 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
Stoddard solvent	64742-47-8	DNEL	55 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
Stoddard solvent	64742-47-8	DNEL	80 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Stoddard solvent	64742-47-8	DNEL	30 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
Benzaldehyde	100-52-7	DNEL	9.8 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Benzaldehyde	100-52-7	DNEL	9.8 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
Benzaldehyde	100-52-7	DNEL	1.14 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

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Zirconium 2-ethylhexanoate	22464-99-9	DNEL	15.75 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
Zirconium 2-ethylhexanoate	22464-99-9	DNEL	5 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Relevant PNECs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
octamethylcyclotetrasiloxane	556-67-2	PNEC	10 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
octamethylcyclotetrasiloxane	556-67-2	PNEC	0.059 mg/kg	pelagic organisms	sediments	short-term (single instance)

Relevant PNECs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
octamethylcyclotetrasiloxane	556-67-2	PNEC	1.7 mg/kg	(top) predators	water	short-term (single instance)
octamethylcyclotetrasiloxane	556-67-2	PNEC	0.44 µg/l	aquatic organisms	freshwater	short-term (single instance)
octamethylcyclotetrasiloxane	556-67-2	PNEC	0.044 µg/l	aquatic organisms	marine water	short-term (single instance)
octamethylcyclotetrasiloxane	556-67-2	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
octamethylcyclotetrasiloxane	556-67-2	PNEC	3 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
octamethylcyclotetrasiloxane	556-67-2	PNEC	0.3 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
octamethylcyclotetrasiloxane	556-67-2	PNEC	0.59 mg/kg	benthic organisms	sediments	short-term (single instance)
octamethylcyclotetrasiloxane	556-67-2	PNEC	0.16 mg/kg	terrestrial organisms	soil	short-term (single instance)

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decamethylcyclopentasiloxane	541-02-6	PNEC	10 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
decamethylcyclopentasiloxane	541-02-6	PNEC	11 mg/kg	benthic organisms	sediments	short-term (single instance)
decamethylcyclopentasiloxane	541-02-6	PNEC	13 mg/kg	(top) predators	water	short-term (single instance)
decamethylcyclopentasiloxane	541-02-6	PNEC	1.1 mg/kg	pelagic organisms	sediments	short-term (single instance)
decamethylcyclopentasiloxane	541-02-6	PNEC	1.2 µg/l	aquatic organisms	freshwater	short-term (single instance)
decamethylcyclopentasiloxane	541-02-6	PNEC	0.12 µg/l	aquatic organisms	marine water	short-term (single instance)
decamethylcyclopentasiloxane	541-02-6	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
decamethylcyclopentasiloxane	541-02-6	PNEC	11 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
decamethylcyclopentasiloxane	541-02-6	PNEC	1.1 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
decamethylcyclopentasiloxane	541-02-6	PNEC	1.27 mg/kg	terrestrial organisms	soil	short-term (single instance)
Stoddard solvent	64742-47-8	PNEC	0.14 mg/l	aquatic organisms	freshwater	short-term (single instance)
Stoddard solvent	64742-47-8	PNEC	0.35 mg/l	aquatic organisms	marine water	short-term (single instance)
Stoddard solvent	64742-47-8	PNEC	1.14 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Stoddard solvent	64742-47-8	PNEC	0.14 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Benzaldehyde	100-52-7	PNEC	0.002 mg/l	aquatic organisms	freshwater	short-term (single instance)

Relevant PNECs of components of the mixture

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Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Benzaldehyde	100-52-7	PNEC	0 mg/l	aquatic organisms	marine water	short-term (single instance)
Benzaldehyde	100-52-7	PNEC	7.59 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Benzaldehyde	100-52-7	PNEC	0.022 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Benzaldehyde	100-52-7	PNEC	0.002 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Benzaldehyde	100-52-7	PNEC	0.003 mg/kg	terrestrial organisms	soil	short-term (single instance)
Zirconium 2ethylhexanoate	22464-99-9	PNEC	0.36 mg/l	aquatic organisms	freshwater	short-term (single instance)
Zirconium 2ethylhexanoate	22464-99-9	PNEC	71.7 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
Zirconium 2ethylhexanoate	22464-99-9	PNEC	6.37 mg/kg	benthic organisms	sediments	short-term (single instance)
Zirconium 2ethylhexanoate	22464-99-9	PNEC	0.637 mg/kg	pelagic organisms	sediments	short-term (single instance)
Zirconium 2ethylhexanoate	22464-99-9	PNEC	1.06 mg/kg	terrestrial organisms	soil	short-term (single instance)
Zirconium 2ethylhexanoate	22464-99-9	PNEC	0.493 mg/l	aquatic organisms	water	intermittent release
Zirconium 2ethylhexanoate	22464-99-9	PNEC	0.036 mg/l	aquatic organisms	marine water	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leaktightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air



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them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	liquid
Color	pink
Odor	fruity

Other safety parameters

pH (value)	9.3 (25 °C)
Melting point/freezing point	not determined
Initial boiling point and boiling range	>65 °C at 1 atm
Flash point	54 °C at 101.3 kPa 129 °F at 1 atm
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)
Explosive limits	not determined
Vapor pressure	240 kPa at 37.8 °C
Density	0.97 g/cm ³ at 25 °C
Vapor density	this information is not available



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Solubility(ies)	not determined
Partition coefficient	
- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	245 °C (auto-ignition temperature (liquids and gases))
Viscosity	
- Kinematic viscosity	400 cSt at 25 °C
- Dynamic viscosity	388 cP
Explosive properties	not explosive (GHS of the United Nations, annex 4)
Oxidizing properties	none
9.2 Other information	
Temperature class (USA, acc. to NEC 500)	T2C (maximum permissible surface temperature on the equipment: 230°C)



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SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions No

known hazardous reactions.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture

Name of substance	CAS No	Exposure route	ATE
China Clay, calcined	66402-68-4	inhalation: dust/mist	2.3 mg _l /4h
Stoddard solvent	64742-47-8	inhalation: vapour	5.5 mg _l /4h



Benzaldehyde	100-52-7	oral	1,430 mg/kg
Benzaldehyde	100-52-7	inhalation: vapour	5 mg/l/4h

Skin corrosion/irritation

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Causes skin irritation.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Suspected of damaging the unborn child. Suspected of damaging fertility.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Naphtha (petroleum), hydrotreated light	64742-49-0	LL50	8.2 mg/l	fish	96 h



Naphtha (petroleum), hydrotreated light	64742-49-0	EL50	4.5 mg/l	aquatic invertebrates	48 h
octamethylcyclotetrasiloxane	556-67-2	LC50	>22 µg/l	fish	96 h
octamethylcyclotetrasiloxane	556-67-2	EC50	>1,000 mg/l	aquatic invertebrates	96 h
decamethylcyclopentasiloxane	541-02-6	LC50	>16 µg/l	fish	96 h
decamethylcyclopentasiloxane	541-02-6	EC50	>2.9 µg/l	aquatic invertebrates	48 h
Stoddard solvent	64742-47-8	LC50	0.18 mg/l	fish	96 h

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Stoddard solvent	64742-47-8	LL50	41.4 mg/l	fish	96 h
Stoddard solvent	64742-47-8	EL50	2.5 mg/l	algae	96 h
Stoddard solvent	64742-47-8	EC50	0.58 mg/l	algae	96 h
Benzaldehyde	100-52-7	LC50	12.4 mg/l	fish	96 h
Zirconium 2-ethylhexanoate	22464-99-9	EC50	>0.17 mg/l	aquatic invertebrates	48 h

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Naphtha (petroleum), hydrotreated light	64742-49-0	EL50	10 mg/l	fish	21 d
Naphtha (petroleum), hydrotreated light	64742-49-0	EC50	15.41 mg/l	microorganisms	40 h
octamethylcyclotetrasiloxane	556-67-2	LC50	10 µg/l	fish	14 d

octamethylcyclotetrasiloxane	556-67-2	EC50	>500 mg/l	aquatic invertebrates	24 h
China Clay, calcined	66402-68-4	EC50	300.4 mg/l	microorganisms	3 h
decamethylcyclopentasiloxane	541-02-6	LC50	>16 µg/l	fish	14 d
decamethylcyclopentasiloxane	541-02-6	EC50	>15 µg/l	aquatic invertebrates	21 d
Stoddard solvent	64742-47-8	EL50	1.19 mg/l	aquatic invertebrates	21 d
Stoddard solvent	64742-47-8	EC50	0.33 mg/l	aquatic invertebrates	21 d
Benzaldehyde	100-52-7	EC50	50 mg/l	aquatic invertebrates	24 h

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

The substance fulfills the very bioaccumulative criterion.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

The mixture contains a substance that was identified as a PBT (persistent, bioaccumulative and toxic). The mixture contains a substance that was identified as vPvB (very persistent and very bioaccumulative).



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12.6 Other adverse effects

Endocrine disrupting potential

The mixture contains substance(s) with an endocrine disrupting potential.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.



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Special provisions (SP)		223
		,
		274
		,
		955
Excepted quantities (EQ)		E1
Limited quantities (LQ)		5 L
EmS		F- E, <u>S-E</u> A
Stowage category		A
International Civil Aviation Organization (ICAO-IATA/DGR)		
UN number	1993	
Proper shipping name	Flammable liquid, n.o.s.	
Class	3	
Environmental hazards	YES (hazardous to the aquatic environment)	
Packing group	III	
Danger label(s)	3	
		
Special provisions (SP)	A3	
Excepted quantities (EQ)	E1	
Limited quantities (LQ)	10 L	

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

15.1.5 Toxic Substance Control Act (TSCA) all ingredients are listed
0.1

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)
none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313) none of the ingredients are listed

Clean Air Act none of the ingredients are listed

15.1.5 New Jersey Worker and Community Right to Know Act 0.5

Canada: en



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Right to Know Hazardous Substances List			
Name acc. to inventory	CAS No	Remarks	Classifications
benzaldehyde	100-52-7		F2

Legend

F2 Flammable - Second Degree

14 / 17

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1	UN number	1993
14.2	UN proper shipping name	FLAMMABLE LIQUID, N.O.S.
14.3	Transport hazard class(es)	
	Class	3 (flammable liquids)
14.4	Packing group	III (substance presenting low danger)
14.5	Environmental hazards	hazardous to the aquatic environment
	Environmentally hazardous substance (aquatic)	Naphtha (petroleum), hydrotreated light environment
14.6	Special precautions for user	There is no additional information.
14.7	Transport in bulk according to Annex II of MARPOL and the IBC Code	The cargo is not intended to be carried in bulk.



Information for each of the UN Model Regulations

Transport information - National regulations - Additional information (UN RTDG)

UN number	1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Class	3
Environmental hazards	YES (hazardous to the aquatic environment)





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Packing group	III
Danger label(s)	3, fish and tree
	
Special provisions (SP)	223, 274 (UN RTDG)
Excepted quantities (EQ)	E1 (UN RTDG)
Limited quantities (LQ)	5 L (UN RTDG)
International Maritime Dangerous Goods Code (IMDG)	
UN number	1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Class	3
Marine pollutant	YES (hazardous to the aquatic environment)
Packing group	III
Danger label(s)	3, fish and tree
	

15.1.5 California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and
0.6 Toxic Enforcement Act of 1987
none of the ingredients are listed

Industry or sector specific available guidance(s)
NPCA-HMIS® III

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	2	temporary or minor injury may occur
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	



Hazardous Materials Identification System. American Coatings Association.



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Chronic: chronic hazard
 Flammability: flammability hazard
 Health: health hazard
 Personal protection: personal protective equipment (PPE) for normal use
 Physical hazard: reactivity

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NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

National regulations (Canada)

15.1.5 Domestic Substances List (DSL)

1.2

All ingredients are listed.

National inventories

Country	Inventory	Status

CA	DSL	all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
US	TSCA	all ingredients are listed

Legend

DSL Domestic Substances List (DSL) REACH

Reg. REACH registered substances

TSCA Toxic Substance Control Act

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15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information, including date of preparation or last revision

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
"BC Regulation"	OHS Regulation: Section 5.48 (British Columbia)
Acute Tox.	Acute toxicity
Asp. Tox.	Aspiration hazard
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EmS	Emergency Schedule
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid



GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration



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Code	Text
H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H227	Combustible liquid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.



H331	Toxic if inhaled.
H332	Harmful if inhaled.
ppm	Parts per million
Regulation 833	R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents (Ontario)
Repr.	Reproductive toxicity
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
STEL	Short-term exposure limit
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Hazardous Products Regulations (HPR).

UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG).
Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

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H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

H361d	Suspected of damaging the unborn child.
H361f	Suspected of damaging fertility.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.