SHINE \* SUPPLY \*

acc. to 29 CFR 1910.1200 App D

# **Shine Supply Cherry Wax**

Version number: GHS 5.0 Revision: 2024-04-09 Replaces version of: 2022-09-27 (GHS 4)

### **SECTION 1: Identification**

#### 1.1 Product identifier

Trade name Shine Supply Cherry Wax

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

Relevant identified uses Vehicle wax

Professional use Industrial use

#### 1.3 Details of the supplier of the safety data sheet

Shine Supply 1343 Callens Rd. Ventura CA 93003

805-535-4332 info@shinesupply.com

### 1.4 Emergency telephone number

**Emergency information service** 

USA 1.800.535.5053, INTL 1.352.323.3500 24 hour emergency number

### **SECTION 2: Hazard(s) identification**

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Section	Hazard class	Category	Hazard class and cat- egory	Hazard state- ment
B.6	flammable liquid	4	Flam. Liq. 4	H227

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).

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Signal word warningPictograms not required

- Hazard statements

H227 Combustible liquid.

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#### - Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.
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.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### 2.3 Other hazards

This material is combustible, but will not ignite readily. Special danger of slipping by leaking/spilling product.

Hazards not otherwise classified

Very toxic to aquatic life with long lasting effects (GHS category 1: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

Contains a PBT-substance at a concentration of  $\geq$  0.1%. Contains a vPvB-substance at a concentration of  $\geq$  0.1%.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

### **SECTION 3: Composition/information on ingredients**

#### 3.1 Substances

Not relevant (mixture)

#### 3.2 Mixtures

## Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
distillates (petroleum) hydro- treated, light	CAS No 64742-47-8	5-<12	Asp. Tox. 1 / H304	
decamethylcyclopentasiloxane	CAS No 541-02-6	5-<12	Flam. Liq. 4 / H227	PBT vPvB
odorless mineral spirits	CAS No 64742-48-9	5-<12	Skin Irrit. 2 / H315 STOT SE 3 / H336 Asp. Tox. 1 / H304 Flam. Liq. 3 / H226	
China Clay, calcined	CAS No 66402-68-4	5-<12	Acute Tox. 4 / H332	
N,N-bis(2-Hydroxyethyl)oleam- ide	CAS No 93-83-4	1-<5	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319	
ethyl alcohol	CAS No 64-17-5	0.1 - < 1	Eye Irrit. 2 / H319 Carc. 1A / H350 Flam. Liq. 2 / H225	IARC: 1
Methyl Salicylate	CAS No 119-36-8	0.1 - < 1	Acute Tox. 4 / H302 Eye Dam. 1 / H318 Skin Sens. 1B / H317 Repr. 2 / H361	

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Notes

\*: only carcinogenic in alcoholic beverages

IARC: 1: IARC group 1: carcinogenic to humans (International Agency for Research on Cancer)
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)

#### Hazardous ingredients, Consideration of other advice

Exact percentage of ingredients is withheld as a trade secret.

#### Remarks

For full text of abbreviations: see SECTION 16.

### **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. 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. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

#### Following ingestion

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

#### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

#### 4.3 Indication of any immediate medical attention and special treatment needed

none

# **SECTION 5: Fire-fighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media

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

Unsuitable extinguishing media

Water jet

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### 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 (NOx), Carbon monoxide (CO), Carbon dioxide (CO2)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow fire-fighting 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.

#### 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

Advice on how to contain a spill

Covering of drains

Advice 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.

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# **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.

#### 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

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.

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# **SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Coun try	Name of agent	CAS No	Iden- tifier	TWA [ppm]	TWA [mg/ m³]	STEL [ppm]	STEL [mg/ m³]	Ceil- ing-C [ppm]	Ceil- ing-C [mg/ m³]	Nota- tion	Sourc e
US	ethanol	64-17-5	TLV®			1,000					AC- GIH® 2019
US	ethyl alcohol	64-17-5	REL	1,000 (10 h)	1,900 (10 h)						NIOSH REL
US	ethyl alcohol (eth- anol)	64-17-5	PEL (CA)	1,000	1,900						Cal/ OSHA PEL
US	ethyl alcohol (eth- anol)	64-17-5	PEL	1,000	1,900						29 CFR 1910.1 000
US	petroleum distil- lates (naphtha) (rubber solvent)	64742- 48-9	PEL	500	2,000						29 CFR 1910.1 000

Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless other-

wise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.

age (unless otherwise specified

# Relevant DNELs of components

Name of sub- stance	CAS No	End- point	Threshold level	Protection goal, route of expos- ure	Used in	Exposure time
China Clay, calcined	66402-68-4	DNEL	16 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
decamethylcyclo- pentasiloxane	541-02-6	DNEL	97 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic ef- fects
decamethylcyclo- pentasiloxane	541-02-6	DNEL	24 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects
decamethylcyclo- pentasiloxane	541-02-6	DNEL	97 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
decamethylcyclo- pentasiloxane	541-02-6	DNEL	24 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects

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# Relevant DNELs of components

Name of sub- stance	CAS No	End- point	Threshold level	Protection goal, route of expos- ure	Used in	Exposure time
N,N-bis(2-Hy- droxyethyl)oleamide	93-83-4	DNEL	73 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
N,N-bis(2-Hy- droxyethyl)oleamide	93-83-4	DNEL	4.2 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic ef- fects
N,N-bis(2-Hy- droxyethyl)oleamide	93-83-4	DNEL	31 μg/cm²	human, dermal	worker (industry)	chronic - local effects
ethyl alcohol	64-17-5	DNEL	950 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic ef- fects
ethyl alcohol	64-17-5	DNEL	1,900 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects
ethyl alcohol	64-17-5	DNEL	343 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Methyl Salicylate	119-36-8	DNEL	285 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic ef- fects
Methyl Salicylate	119-36-8	DNEL	9.9 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Methyl Salicylate	119-36-8	DNEL	2.8 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

# Relevant PNECs of components

Note that it is a second of the second of th								
Name of sub- stance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time		
decamethylcyclo- pentasiloxane	541-02-6	PNEC	10 <sup>mg</sup> / <sub>l</sub>	microorganisms	sewage treatment plant (STP)	short-term (single in- stance)		
decamethylcyclo- pentasiloxane	541-02-6	PNEC	11 <sup>mg</sup> / <sub>kg</sub>	benthic organisms	sediment	short-term (single in- stance)		
decamethylcyclo- pentasiloxane	541-02-6	PNEC	13 <sup>mg</sup> / <sub>kg</sub>	(top) predators	water	short-term (single in- stance)		
decamethylcyclo- pentasiloxane	541-02-6	PNEC	1.1 <sup>mg</sup> / <sub>kg</sub>	pelagic organisms	sediment	short-term (single in- stance)		
decamethylcyclo- pentasiloxane	541-02-6	PNEC	1.2 <sup>µg</sup> / <sub>l</sub>	aquatic organisms	freshwater	short-term (single in- stance)		
decamethylcyclo- pentasiloxane	541-02-6	PNEC	0.12 <sup>µg</sup> / <sub>l</sub>	aquatic organisms	marine water	short-term (single in- stance)		
decamethylcyclo- pentasiloxane	541-02-6	PNEC	10 <sup>mg</sup> / <sub>I</sub>	aquatic organisms	sewage treatment plant (STP)	short-term (single in- stance)		

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# Relevant PNECs of components

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Name of sub- stance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
decamethylcyclo- pentasiloxane	541-02-6	PNEC	11 <sup>mg</sup> / <sub>kg</sub>	aquatic organisms	freshwater sediment	short-term (single in- stance)
decamethylcyclo- pentasiloxane	541-02-6	PNEC	1.1 <sup>mg</sup> / <sub>kg</sub>	aquatic organisms	marine sediment	short-term (single in- stance)
decamethylcyclo- pentasiloxane	541-02-6	PNEC	2.5 <sup>mg</sup> / <sub>kg</sub>	terrestrial organ- isms	soil	short-term (single in- stance)
N,N-bis(2-Hy- droxyethyl)oleamide	93-83-4	PNEC	0.007 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	freshwater	short-term (single in- stance)
N,N-bis(2-Hy- droxyethyl)oleamide	93-83-4	PNEC	0.001 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	marine water	short-term (single in- stance)
N,N-bis(2-Hy- droxyethyl)oleamide	93-83-4	PNEC	830 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	sewage treatment plant (STP)	short-term (single in- stance)
N,N-bis(2-Hy- droxyethyl)oleamide	93-83-4	PNEC	1.2 <sup>mg</sup> / <sub>kg</sub>	aquatic organisms	freshwater sediment	short-term (single in- stance)
N,N-bis(2-Hy- droxyethyl)oleamide	93-83-4	PNEC	0.12 <sup>mg</sup> / <sub>kg</sub>	aquatic organisms	marine sediment	short-term (single in- stance)
N,N-bis(2-Hy- droxyethyl)oleamide	93-83-4	PNEC	0.24 <sup>mg</sup> / <sub>kg</sub>	terrestrial organ- isms	soil	short-term (single in- stance)
ethyl alcohol	64-17-5	PNEC	580 <sup>mg</sup> / <sub>I</sub>	microorganisms	sewage treatment plant (STP)	short-term (single in- stance)
ethyl alcohol	64-17-5	PNEC	3.6 <sup>mg</sup> / <sub>kg</sub>	benthic organisms	sediment	short-term (single in- stance)
ethyl alcohol	64-17-5	PNEC	0.63 <sup>mg</sup> / <sub>kg</sub>	terrestrial organ- isms	soil	short-term (single in- stance)
ethyl alcohol	64-17-5	PNEC	2.8 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	water	intermittent release
ethyl alcohol	64-17-5	PNEC	580 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	sewage treatment plant (STP)	short-term (single in- stance)
ethyl alcohol	64-17-5	PNEC	0.79 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	marine water	short-term (single in- stance)
ethyl alcohol	64-17-5	PNEC	0.96 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	freshwater	short-term (single in- stance)
Methyl Salicylate	119-36-8	PNEC	200 <sup>μg</sup> / <sub>I</sub>	aquatic organisms	water	intermittent release
Methyl Salicylate	119-36-8	PNEC	1.6 <sup>µg</sup> / <sub>l</sub>	aquatic organisms	freshwater	short-term (single in- stance)
Methyl Salicylate	119-36-8	PNEC	0.16 <sup>µg</sup> / <sub>I</sub>	aquatic organisms	marine water	short-term (single instance)

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### Relevant PNECs of components

Name of sub- stance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
Methyl Salicylate	119-36-8	PNEC	140 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Methyl Salicylate	119-36-8	PNEC	0.041 <sup>mg</sup> / <sub>kg</sub>	aquatic organisms	freshwater sediment	short-term (single instance)
Methyl Salicylate	119-36-8	PNEC	0.004 <sup>mg</sup> / <sub>kg</sub>	aquatic organisms	marine sediment	short-term (single instance)
Methyl Salicylate	119-36-8	PNEC	0.007 <sup>mg</sup> / <sub>kg</sub>	terrestrial organ- isms	soil	short-term (single in- stance)

### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection. According to EN166  $\,$  .

#### Skin protection

- Hand protection

Wear suitable gloves. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air 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

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Physical state	liquid (viscous)
Color	light blue
Particle	not relevant (liquid)
Odor	sweet
Other safety parameters	
pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	>65 °C at 1 atm
Flash point	64 °C at 101 kPa 147 °F at 101 kPa closed cup
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant, (fluid)
Explosive limits	
- Lower explosion limit (LEL)	0.6 vol%
- Upper explosion limit (UEL)	5 vol%
Vapor pressure	32 hPa at 25 °C
Density	8.7 lb/ <sub>gal</sub> at 25 °C 1 <sup>g</sup> / <sub>cm³</sub> at 25 °C
Vapor density	this information is not available
Solubility(ies)	not determined
Partition coefficient	
- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	262 °C (auto-ignition temperature (liquids and gases))

Viscosity

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- Kinematic viscosity	2,403 <sup>mm²</sup> / <sub>s</sub> at 25 °C
- Dynamic viscosity	2,500 cP at 25 °C
Explosive properties	none
Oxidizing properties	none
Temperature class (USA, acc. to NEC 500)	T2B (maximum permissible surface temperature on the equipment: 260 °C)

# **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.

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# **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 OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

#### Acute toxicity

Shall not be classified as acutely toxic.

### Acute toxicity estimate (ATE) of components

Name of substance	CAS No	Exposure route	ATE
China Clay, calcined	66402-68-4	inhalation: dust/mist	>2.3 <sup>mg</sup> / <sub>l</sub> /4h
Methyl Salicylate	119-36-8	oral	887 <sup>mg</sup> / <sub>kg</sub>

#### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

### 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.

#### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

Name of substance	CAS No	Classification	Remarks	Number
ethyl alcohol	64-17-5	1	in alcoholic beverages	

### Legend

1

Carcinogenic to humans

## Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

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

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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

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
odorless mineral spirits	64742-48-9	LL50	8.2 <sup>mg</sup> / <sub>l</sub>	fish	96 h
odorless mineral spirits	64742-48-9	EL50	4.5 <sup>mg</sup> / <sub>l</sub>	aquatic invertebrates	48 h
decamethylcyclopentas- iloxane	541-02-6	LC50	>16 <sup>µg</sup> / <sub>I</sub>	fish	96 h
decamethylcyclopentas- iloxane	541-02-6	EC50	>2.9 <sup>µg</sup> / <sub>l</sub>	aquatic invertebrates	48 h
N,N-bis(2- Hydroxyethyl)oleamide	93-83-4	LC50	5.1 <sup>mg</sup> / <sub>l</sub>	fish	96 h
N,N-bis(2- Hydroxyethyl)oleamide	93-83-4	EC50	3.2 <sup>mg</sup> / <sub>l</sub>	aquatic invertebrates	48 h
ethyl alcohol	64-17-5	LC50	15,400 <sup>mg</sup> / <sub>l</sub>	fish	96 h
ethyl alcohol	64-17-5	EC50	12,700 <sup>mg</sup> / <sub>l</sub>	fish	96 h
ethyl alcohol	64-17-5	ErC50	22,000 <sup>mg</sup> / <sub>l</sub>	algae	96 h
Methyl Salicylate	119-36-8	ErC50	27 <sup>mg</sup> / <sub>l</sub>	algae	72 h
Methyl Salicylate	119-36-8	EC50	13 <sup>mg</sup> / <sub>l</sub>	algae	72 h

# Aquatic toxicity (chronic) of components

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
China Clay, calcined	66402-68-4	EC50	300 <sup>mg</sup> / <sub>I</sub>	microorganisms	3 h
odorless mineral spirits	64742-48-9	EL50	10 <sup>mg</sup> / <sub>l</sub>	fish	21 d
odorless mineral spirits	64742-48-9	EC50	15 <sup>mg</sup> / <sub>l</sub>	microorganisms	40 h

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### Aquatic toxicity (chronic) of components

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
decamethylcyclopentas- iloxane	541-02-6	LC50	>16 <sup>µg</sup> / <sub>I</sub>	fish	14 d
decamethylcyclopentas- iloxane	541-02-6	EC50	>15 <sup>µg</sup> / <sub>I</sub>	aquatic invertebrates	21 d
ethyl alcohol	64-17-5	LC50	1,806 <sup>mg</sup> / <sub>I</sub>	aquatic invertebrates	10 d
ethyl alcohol	64-17-5	ErC50	675 <sup>mg</sup> / <sub>I</sub>	algae	4 d
Methyl Salicylate	119-36-8	EC50	380 <sup>mg</sup> / <sub>I</sub>	microorganisms	16 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).

### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

### 12.7 Other adverse effects

Data are not available.

#### **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 DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

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#### 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	ı	J	N	n	u	m	b	eı	•

DOT UN 3082 **IMDG-Code** UN 3082 ICAO-TI UN 3082

14.2 UN proper shipping name

DOT Environmentally hazardous substance, liquid, n.o.s.

IMDG-Code ENVIRONMENTALLY HAZARDOUS SUBSTANCE,

LIQUID, N.O.S.

ICAO-TI Environmentally hazardous substance, liquid, n.o.s.

decamethylcyclopentasiloxane, odorless mineral spirits Technical name (hazardous ingredients)

14.3 Transport hazard class(es)

> DOT 9

> **IMDG-Code** 9

ICAO-TI 9

14.4 Packing group

> DOT Ш

> IMDG-Code Ш

> ICAO-TI Ш

14.5 **Environmental hazards** hazardous to the aquatic environment

Environmentally hazardous substance (aquatic

environment)

decamethylcyclopentasiloxane, odorless mineral spirits

#### Special precautions for user 14.6

There is no additional information.

#### 14.7 Transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

## Information for each of the UN Model Regulations

Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information Not regulated under DOT until packaged in single containers larger than 119 gallons each - liquid, or 882 lbs each - solid.

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Particulars in the shipper's declaration UN3082, Environmentally hazardous substance, liquid,

n.o.s., (contains: decamethylcyclopentasiloxane, odor-

less mineral spirits), 9, III

Reportable quantity (RQ) 166,667 lbs (75,667 kg) (diethanolamine) (sodium hydroxide)

Danger label(s) 9, fish and tree

Environmental hazards yes (hazardous to the aquatic environment)

Special provisions (SP)

8, 146, 173, 335, IB3, T4, TP1, TP29

ERG No 171

International Maritime Dangerous Goods Code (IMDG) - Additional information

Marine pollutant yes (hazardous to the aquatic environment) (odorless mineral spirits)

Danger label(s) 9, fish and tree

Special provisions (SP) 274, 335, 969

Excepted quantities (EQ) E1
Limited quantities (LQ) 5 L
EmS F-A, S-F

Stowage category A

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Environmental hazards Yes (hazardous to the aquatic environment)

Danger label(s) 9, fish and tree

Special provisions (SP) A97, A158, A197

Excepted quantities (EQ) E1
Limited quantities (LQ) 30 kg

### **SECTION 15: Regulatory information**

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

**National regulations (United States)** 

**Toxic Substance Control Act (TSCA)** not all ingredients are listed (ACTIVE)

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## 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

#### Clean Air Act

none of the ingredients are listed

# **Right to Know Hazardous Substance List**

- Cleaning Product Right to Know Act Substance List (CA-RTK)

	,	,	
Name of substance	CAS No	Functionality	Authoritative Lists
water	7732-18-5	solvent	
distillates (petroleum) hydrotreated, light	64742-47-8	solvents	
decamethylcyclopentasiloxane	541-02-6	solvents	Canada PBiTs CECBP - Priority Chemicals EC PBTs
odorless mineral spirits	64742-48-9	solvents	Canada PBiTs EC Annex VI CMRs - Cat. 1B
China Clay, calcined	66402-68-4	abrasive	
polydimethylsiloxane	63148-62-9	surface modifier	
N,N-bis(2-Hydroxyethyl)oleamide	93-83-4	surfactant	
organically modified hectorite	12001-31-9	viscosity modifier	
polytrimethylhydrosilylsiloxane	68988-56-7	surface modifier	
methyl alkyl (C25-54, branched and linear) silox- ane	189378-12-9	surface modifier	
alkyl polyether polydimethylsiloxane	212335-52-9	surfactant	
trimethylsiloxysilicate	68988-56-7	resin	
1-alkenes, C24-54 (branched and linear)	131459-42-2	solvents	
ethyl alcohol	64-17-5	alcohols	
Benzyl acetate	140-11-4	fragrance	
Methyl Salicylate	119-36-8	fragrance	
cinnamal	104-55-2	fragrance	EU Fragrance Allergens
2,2'-iminodiethanol	111-42-2	impurity	CA TACs IARC Carcinogens - 2B OEHHA RELs Prop 65
Tetrasodium EDTA, anhydrous	64-02-8	chelate / se- questrant	

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Name of substance	CAS No	Functionality	Authoritative Lists
Isostearyl alcohol	27458-93-1	lubricant	
1-Dodecene	112-41-4	solvents	
Poloxamer 407	9003-11-6	surfactant	
tetra(trimethylsiloxy)silane	3555-47-3	surface modifier	Canada PBiTs
orange oil	8028-48-6 68647-72-3	fragrance	
C.I. Direct Blue 86, disodium salt	1330-38-7	colorant	
ethyl acetate	141-78-6	fragrance	CDC 4th National Exposure Report
benzyl alcohol	100-51-6	fragrance	
benzaldehyde	100-52-7	fragrance	
ethyl butyrate	105-54-4	fragrance	
coumarin	91-64-5	fragrance	EU Fragrance Allergens
isoamyl butyrate	106-27-4	fragrance	
pentyl acetate	628-63-7	fragrance	
Vanillin	121-33-5	fragrance	
Allyl hexanoate	123-68-2	fragrance	

## - Hazardous Substances List (MN-ERTK)

Name of substance	CAS No	References	Remarks
odorless mineral spirits	64742-48-9	A, O	

### Legend

American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH

Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, sub-0 part Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division

## - Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
ethyl alcohol	64-17-5		CA MU TE F3

#### Legend

Carcinogenic Flammable - Third Degree CA F3

MU TE Mutagenic Teratogenic

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## - Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
ethyl alcohol	64-17-5	T, F
Methyl Salicylate	119-36-8	F

Legend

Flammability (NFPA®)
T Toxicity (ACGIH®)

# California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Proposition 65 List of chemicals					
Name of substance	Name acc. to inventory	CAS No	Wt%	Remarks	Type of the tox-icity
methanol	methanol	67-56-1	0.0095		develop- mental
ethyl alcohol	ethanol (ethyl alcohol)	64-17-5	0.22	in alcoholic beverages	develop- mental
4-methylpentan-2-one	methyl isobutyl ketone	108-10-1	0.0049		cancer
4-methylpentan-2-one	methyl isobutyl ketone (MIBK)	108-10-1	0.0049		develop- mental
2,2'-iminodiethanol	diethanolamine	111-42-2	0.06		cancer

### **VOC** content

- Regulated Volatile Organic Compounds (VOC-EPA) 7.3 %

- Regulated Volatile Organic Compounds (VOC-Cal ARB) 7.6 %

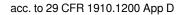
# Industry or sector specific available guidance(s)

### **NPCA-HMIS® III**

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	0	no significant risk to health
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

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Category	Rating	Description
Personal protection	-	

#### **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	0	material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

#### **National inventories**

Country	Inventory	Status
EU	REACH Reg.	not all ingredients are listed
CA	DSL	not all ingredients are listed
CA	NDSL	not all ingredients are listed
US	TSCA	not all ingredients are listed
AU	AIIC	not all ingredients are listed
CN	IECSC	all ingredients are listed
EU	ECSI	not all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	not all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	not all ingredients are listed
PH	PICCS	not all ingredients are listed
TR	CICR	not all ingredients are listed
TW	TCSI	not all ingredients are listed

Legend

AllC Australian Inventory of Industrial Chemicals
CICR Chemical Inventory and Control Regulation
CSCL-ENCS List of Existing and New Chemical Substances (CSCL-ENCS)

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Legend

DSL Domestic Substances List (DSL)

**ECSI** EC Substance Inventory (EÌNEĆS, ELINCS, NLP)

**IECSC** Inventory of Existing Chemical Substances Produced or Imported in China

INSQ National Inventory of Chemical Substances

ISHA-ENCS Inventory of Existing and New Chemical Substances (ISHA-ENCS)

**KECI** Korea Existing Chemicals Inventory Non-domestic Substances List (NDSL) **NDSL** NZIoC PICCS New Zealand Inventory of Chemicals

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

REACH Reg. REACH registered substances

**TCSI** Taiwan Chemical Substance Inventory

**TSCA** Toxic Substance Control Act

#### 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

### Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety- relevant
1.3	Details of the supplier of the safety data sheet: Shine Supply 1302 Tower Square, Unit 1 Ventura, CA. 93003 805-535-4332 info@shinesupply.com	Details of the supplier of the safety data sheet: Shine Supply 1343 Callens Rd. Ventura CA 93003  805-535-4332 info@shinesupply.com	yes
2.1		Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200): change in the listing (table)	yes
2.2	- Pictograms	- Pictograms: not required	yes
2.2		- Pictograms: change in the listing (table)	yes
2.2		- Hazard statements: change in the listing (table)	yes
2.2		- Precautionary statements: change in the listing (table)	yes
2.2	- Hazardous ingredients for labelling: octamethylcyclotetrasiloxane		yes
2.3	Results of PBT and vPvB assessment:  Containing a PBT-/vPvB-substance in a concentration of ≥ 0,1%.	Results of PBT and vPvB assessment: Contains a PBT-substance at a concentration of ≥ 0.1%. Contains a vPvB-substance at a concentration of ≥ 0.1%.	yes
2.3	Endocrine disrupting properties: Contains an endocrine disruptor (EDC) in a concentration of ≥ 0,1%.	Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%.	yes

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Section	Former entry (text/value)	Actual entry (text/value)	Safety- relevant
3.2		Description of the mixture: change in the listing (table)	yes
3.2	Hazardous ingredients, Consideration of other advice: Exact percentage of ingredients is withheld as a trade secret.For full text of abbreviations: see SECTION 16.	Hazardous ingredients, Consideration of other advice: Exact percentage of ingredients is withheld as a trade secret.	yes
3.2		Remarks: For full text of abbreviations: see SECTION 16.	yes
8.1		Relevant DNELs of components: change in the listing (table)	yes
8.1		Relevant PNECs of components: change in the listing (table)	yes
11.1		Acute toxicity estimate (ATE) of components: change in the listing (table)	yes
11.1	Reproductive toxicity: Suspected of damaging fertility.	Reproductive toxicity: Shall not be classified as a reproductive toxicant.	yes
12.1		Aquatic toxicity (acute) of components: change in the listing (table)	yes
12.1		Aquatic toxicity (chronic) of components: change in the listing (table)	yes
12.6	Endocrine disrupting properties: Contains an endocrine disruptor (EDC) in a concentration of ≥ 0,1%.	Endocrine disrupting properties:  Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%.	yes
15.1		Toxic Substance Control Act (TSCA): not all ingredients are listed (ACTIVE)	yes
15.1		Cleaning Product Right to Know Act Substance List (CA-RTK): change in the listing (table)	yes
15.1		Hazardous Substance List (RI-RTK): change in the listing (table)	yes
16		Abbreviations and acronyms: change in the listing (table)	yes
16		List of relevant phrases (code and full text as stated in section 2 and 3): change in the listing (table)	yes

Abbreviations and acronyms

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Abbr.	Descriptions of used abbreviations
29 CFR 1910.1000	29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
49 CFR US DOT	49 CFR U.S. Department of Transportation
ACGIH®	American Conference of Governmental Industrial Hygienists
ACGIH® 2019	From ACGIH®, 2019 TLVs® and BEIs® Book. Copyright 2019. Reprinted with permission. Information on the proper use of the TLVs® and BEIs®: http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement
Acute Tox.	Acute toxicity
Asp. Tox.	Aspiration hazard
ATE	Acute Toxicity Estimate
Cal/OSHA PEL	California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)
Cal ARB	California Air Resources Board
Carc.	Carcinogenicity
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
DOT	Department of Transportation (USA)
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
EPA	Environmental Protection Agency. An agency of the federal government of the United States charged with protecting human health and the environment
ErC50	= EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
ERG No	Emergency Response Guidebook - Number
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid

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Abbr.	Descriptions of used abbreviations
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
NFPA®	National Fire Protection Association (United States)
NIOSH REL	National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)
NLP	No-Longer Polymer
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible exposure limit
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
Repr.	Reproductive toxicity
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitization
STEL	Short-term exposure limit
STOT SE	Specific target organ toxicity - single exposure
TLV®	Threshold Limit Values
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative

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## Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). 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 section 2 and 3)

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.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H350	May cause cancer.
H361	Suspected of damaging fertility or the unborn child.

### **Disclaimer**

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

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