



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

SECTION 1: Identification

1.1 Product identifier

Trade name **Shine Supply Express Waterless Wash & Wax**

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

Relevant identified uses
Vehicle waterless wash
Professional use
Industrial use

HS code
3402.41.90

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 category	Hazard statement
A.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
A.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

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 **warning**
- Pictograms



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GHS07



- Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.

- Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 If on skin: Wash with plenty of water.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

2.3 Other hazards

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
Dicoco alkyldimethyl ammonium chlorides	CAS No 61789-77-3 68391-05-9	1 - < 5	Acute Tox. 4 / H302 Acute Tox. 2 / H330 Skin Corr. 1B / H314 Eye Dam. 1 / H318	
2-(2-butoxyethoxy)ethanol	CAS No 112-34-5	1 - < 5	Eye Irrit. 2 / H319	
decamethylcyclopentasiloxane	CAS No 541-02-6	1 - < 5	Flam. Liq. 4 / H227	PBT vPvB
benzaldehyde	CAS No 100-52-7	0.1 - < 1	Acute Tox. 4 / H302 Acute Tox. 3 / H331 Flam. Liq. 4 / H227	



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

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)

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. 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. 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



Safety Data Sheet

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Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

5.2 Special hazards arising from the substance or mixture

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. 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.

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. Use only in well-ventilated areas.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

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

Control of the effects

Protect against external exposure, such as
frost

- 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
US	diethylene glycol monobutyl ether	112-34-5	TLV®	10						iv	AC-GIH® 2019

Notation

Ceiling-C

iv

STEL

TWA

ceiling value is a limit value above which exposure should not occur

inhalable fraction and vapor

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)

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

Relevant DNELs of components

Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	DNEL	27 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	DNEL	13 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
decamethylcyclopentasiloxane	541-02-6	DNEL	97 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

Relevant DNELs of components

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
decamethylcyclopentasiloxane	541-02-6	DNEL	24 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
decamethylcyclopentasiloxane	541-02-6	DNEL	97 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
decamethylcyclopentasiloxane	541-02-6	DNEL	24 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
2-(2-butoxyethoxy)ethanol	112-34-5	DNEL	68 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
2-(2-butoxyethoxy)ethanol	112-34-5	DNEL	83 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
2-(2-butoxyethoxy)ethanol	112-34-5	DNEL	68 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
2-(2-butoxyethoxy)ethanol	112-34-5	DNEL	101 mg/m ³	human, inhalatory	worker (industry)	acute - local 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	1.1 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	PNEC	13 µg/l	aquatic organisms	freshwater	short-term (single instance)
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	PNEC	1.3 µg/l	aquatic organisms	marine water	short-term (single instance)
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	PNEC	1.2 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	PNEC	8.8 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	PNEC	0.88 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	PNEC	7 mg/kg	terrestrial organisms	soil	short-term (single instance)



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

Relevant PNECs of components

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
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	sediment	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	sediment	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	2.5 mg/kg	terrestrial organisms	soil	short-term (single instance)
2-(2-butoxyethoxy)ethanol	112-34-5	PNEC	200 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
2-(2-butoxyethoxy)ethanol	112-34-5	PNEC	4 mg/kg	benthic organisms	sediment	short-term (single instance)
2-(2-butoxyethoxy)ethanol	112-34-5	PNEC	56 mg/kg	(top) predators	water	short-term (single instance)
2-(2-butoxyethoxy)ethanol	112-34-5	PNEC	3.9 mg/l	aquatic organisms	water	intermittent release
2-(2-butoxyethoxy)ethanol	112-34-5	PNEC	0.4 mg/kg	pelagic organisms	sediment	short-term (single instance)
2-(2-butoxyethoxy)ethanol	112-34-5	PNEC	200 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
2-(2-butoxyethoxy)ethanol	112-34-5	PNEC	1.1 mg/l	aquatic organisms	freshwater	short-term (single instance)
2-(2-butoxyethoxy)ethanol	112-34-5	PNEC	0.11 mg/l	aquatic organisms	marine water	short-term (single instance)
2-(2-butoxyethoxy)ethanol	112-34-5	PNEC	4.4 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

Relevant PNECs of components						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
2-(2-butoxyethoxy)ethanol	112-34-5	PNEC	0.44 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
2-(2-butoxyethoxy)ethanol	112-34-5	PNEC	0.32 mg/kg	terrestrial organisms	soil	short-term (single instance)
benzaldehyde	100-52-7	PNEC	0.002 mg/l	aquatic organisms	freshwater	short-term (single instance)
benzaldehyde	100-52-7	PNEC	0 mg/l	aquatic organisms	marine water	short-term (single instance)
benzaldehyde	100-52-7	PNEC	7.6 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)

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. Chemical protection gloves (nitrile) which are tested according to EN 374.

- 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.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	liquid
Color	blue
Particle	not relevant (liquid)
Odor	fruity

Other safety parameters

pH (value)	5.5 – 6.5 (25 °C)
Melting point/freezing point	not determined
Initial boiling point and boiling range	100 °C
Flash point	114 °C at 101 kPa closed cup
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant, (fluid)
Vapor pressure	32 hPa at 25 °C
Density	1 g/ml
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	210 °C (auto-ignition temperature (liquids and gases))
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none



Safety Data Sheet

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Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

Temperature class (USA, acc. to NEC 500)

T3 (maximum permissible surface temperature on the equipment:
200 °C)

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

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 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
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	oral	930 mg/kg
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	inhalation: dust/mist	0.22 mg/l/4h
benzaldehyde	100-52-7	oral	1,430 mg/kg
benzaldehyde	100-52-7	inhalation: vapor	5 mg/l/4h



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

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

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).

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
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	LC50	0.32 mg/l	fish	24 h
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	ErC50	0.39 mg/l	algae	72 h
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	EC50	0.15 mg/l	algae	72 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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

Aquatic toxicity (acute) of components

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
2-(2-butoxyethoxy)ethanol	112-34-5	LC50	1,300 mg/l	fish	96 h
2-(2-butoxyethoxy)ethanol	112-34-5	EC50	>100 mg/l	aquatic invertebrates	48 h
2-(2-butoxyethoxy)ethanol	112-34-5	ErC50	>100 mg/l	algae	96 h
benzaldehyde	100-52-7	LC50	12 mg/l	fish	96 h

Aquatic toxicity (chronic) of components

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Dicoco alkyltrimethyl ammonium chlorides	61789-77-3 68391-05-9	EC50	68 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
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).

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.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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.

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

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.
Technical name (hazardous ingredients)	ethoxylated C11-15 secondary alcohols, Dicoco alkyl dimethyl ammonium chlorides

14.3 Transport hazard class(es)

DOT	9
IMDG-Code	9
ICAO-TI	9

14.4 Packing group

DOT	III
IMDG-Code	III
ICAO-TI	III

14.5 Environmental hazards

	hazardous to the aquatic environment
Environmentally hazardous substance (aquatic environment)	ethoxylated C11-15 secondary alcohols, Dicoco alkyl dimethyl ammonium chlorides



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

14.6 Special precautions for user

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.

Particulars in the shipper's declaration

UN3082, Environmentally hazardous substance, liquid, n.o.s., (contains: ethoxylated C11-15 secondary alcohols, Dicoco alkyldimethyl ammonium chlorides), 9, III

Reportable quantity (RQ)

16,949,153 lbs (7,694,915 kg) (isobutyl acetate) (isopentyl acetate)

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) (dimethylditetradecylazanium chloride)

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





Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

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)

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	
Dicoco alkyldimethyl ammonium chlorides	61789-77-3 68391-05-9	surfactant	
2-(2-butoxyethoxy)ethanol		co-solvent	CA TACs
decamethylcyclopentasiloxane	541-02-6	solvents	Canada PBITs CECBP - Priority Chemicals EC PBTs
Siloxanes and Silicones, hydroxyalkyl group-terminated, ethoxylated	withheld	shine agent	
polydimethylsiloxane	63148-62-9	surface modifier	
benzaldehyde	100-52-7	fragrance	
isopropyl alcohol	67-63-0	alcohols	OEHHA RELs
C.I. Acid Blue 62	4368-56-3	colorant	
isobutyl acetate	110-19-0	fragrance	
isopentyl acetate	123-92-2	fragrance	
Benzyl acetate	140-11-4	fragrance	
amines, dicoco alkyl	61789-76-2	surfactant	
coumarin	91-64-5	fragrance	EU Fragrance Allergens



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

- Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concentration Threshold
2-(2-butoxyethoxy)ethanol		1022			1.0 %

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
2-(2-butoxyethoxy)ethanol			
benzaldehyde	100-52-7		F2

Legend

F2 Flammable - Second Degree

- Hazardous Substance List (Chapter 323) (PA-RTK)

Name acc. to inventory	CAS No	Classification
GLYCOL ETHERS		E

Legend

E Environmental hazard

- Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
benzaldehyde	100-52-7	F
benzaldehyde	100-52-7	F
benzaldehyde	100-52-7	F

Legend

F Flammability (NFPA®)

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

none of the ingredients are listed

VOC content

- Regulated Volatile Organic Compounds (VOC-EPA) 0.86 %
- Regulated Volatile Organic Compounds (VOC-Cal ARB) 0.86 %



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

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	2	temporary or minor injury may occur
Flammability	1	material that must be preheated 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	-	

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	1	material that must be preheated 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 inventories

Country	Inventory	Status
CA	DSL	not all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
US	TSCA	not all ingredients are listed
AU	AIC	not all ingredients are listed
CN	IECSC	not 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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

Country	Inventory	Status
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

AIIC	Australian Inventory of Industrial Chemicals
CICR	Chemical Inventory and Control Regulation
CSCL-ENCS	List of Existing and New Chemical Substances (CSCL-ENCS)
DSL	Domestic Substances List (DSL)
ECSI	EC Substance Inventory (EINECS, 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
NZIoC	New Zealand Inventory of Chemicals
PICCS	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
1.4	Emergency information service: Nødtelefon: Telefon +47 22 59 13 00 Beskrivelse: Giftinformasjonen	Emergency information service: USA 1.800.535.5053, INTL 1.352.323.3500 24 hour emergency number	yes
2.1		Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200): change in the listing (table)	yes
2.2		- Pictograms: change in the listing (table)	yes
2.2		- Hazard statements: change in the listing (table)	yes



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
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 $\geq 0,1\%$.	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 $\geq 0.1\%$.	yes
2.3	Endocrine disrupting properties: Contains an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.	Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.	yes
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	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 $\geq 0,1\%$.	Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.	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
15.1		National inventories: change in the listing (table)	yes



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
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

Abbr.	Descriptions of used abbreviations
49 CFR US DOT	49 CFR U.S. Department of Transportation
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
ATE	Acute Toxicity Estimate
Cal ARB	California Air Resources Board
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DEP CODE	Department of Environmental Protection Code
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
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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

Abbr.	Descriptions of used abbreviations
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
HHS	Higher hazard substance
HS	Harmonized Commodity Description and Coding System (Harmonized System, drawn up by the World Customs Organisation)
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
LHS	Lower hazard substance
NFPA®	National Fire Protection Association (United States)
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
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
STEL	Short-term exposure limit
TLV®	Threshold Limit Values
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Shine Supply Express Waterless Wash & Wax

Version number: GHS 3.0
Replaces version of: 2022-08-08 (GHS 2)

Revision: 2024-04-09

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
H227	Combustible liquid.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.

Disclaimer

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