

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 11.23.2020

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Revision date: 06.03.2024

Speed Sheen

SECTION 1: Identification

Product Identifier

Product Name: Speed Sheen

Recommended Use of the Product and Restriction on Use

Relevant Identified Uses: Vehicle Exterior Detailer

Uses Advised Against: Not determined or not applicable.

Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details

Manufacturer:

United States

Quest Car Care Products

3333 Production Ct.

Zeeland, Michigan 49464

616-772-5100

www.questcarcare.com

Emergency Telephone Number:

United States

CHEMTREC

1-800-424-9300 (24 hrs)

1-800-262-8200 (24 hrs)

1-703-527-3887 (24 hrs (international))

SECTION 2: Hazard(s) Identification

GHS Classification:

Flammable liquids, category 4

Acute toxicity (oral), category 4

Skin irritation, category 2

Eye irritation, category 2A

Label elements

Hazard Pictograms:



Signal Word: Warning

Hazard statements:

H227 Combustible liquid

H319 Causes serious eye irritation

H302 Harmful if swallowed

H315 Causes skin irritation

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Precautionary Statements:

- P264 Wash hands/skin thoroughly after contact with or handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P270 Do not eat, drink or smoke when using this product
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P337+P313 If eye irritation persists: Get medical advice/attention
- P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- P330 Rinse mouth
- P370+P378 In case of fire: Use water spray or foam to extinguish [water jet not recommended].
- P302+P352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.
- P321 Specific treatment (see first aid procedures on the product label in section 4 of this SDS)
- P332+P313 If skin irritation occurs: Get medical advice/attention
- P362 Take off contaminated clothing and wash it before reuse
- P403+P235 Store in a well-ventilated place. Keep cool
- P501 Dispose of contents/container in accordance with local, state and federal regulations.

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 112-34-5	2-(2-butoxyethoxy)ethanol	5-10
CAS Number: Proprietary	Aminosiloxane	1-2
CAS Number: 67-63-0	Propan-2-ol	0.5-1
CAS Number: 556-67-2	Octamethylcyclotetrasiloxane	0.025-0.1

Additional Information: None

SECTION 4: First Aid Measures

Description of First Aid Measures

General Notes:

Show this Safety Data Sheet to the doctor in attendance.

After Inhalation:

If inhaled and you feel unwell or nauseas, discontinue use and get to fresh air and remain calm. If you still feel unwell or breathing is difficult get medical attention immediately and take their advice.

After Skin Contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

After Eye Contact:

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical

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advice/attention.

After Swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms and Effects:

Acute oral exposure may lead to dizziness, drowsiness, headache, breathing difficulties, nausea, vomiting, abdominal pain, and lowering of consciousness. Adverse effects are dependent on exposure (dose, concentration, contact time).

Delayed Symptoms and Effects:

Effects are dependent on exposure (dose, concentration, contact time).

Immediate Medical Attention and Special Treatment

Specific Treatment:

Skin/eye burns require immediate treatment.

Notes for the Doctor:

Treat symptomatically.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

Unsuitable Extinguishing Media:

Do not use water jet.

Specific Hazards During Fire-Fighting:

Combustible liquid. Will be easily ignitable by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation.

Thermal decomposition may produce irritating/toxic fumes/gases.

Special Protective Equipment for Firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

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Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

Methods and Material for Containment and Cleaning Up:

Harmful if swallowed. Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Avoid breathing dust, mist, fumes, vapors or spray. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to Other Sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and Storage

Precautions for Safe Handling:

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Propan-2-ol	67-63-0	15-Minute STEL: 400 ppm
	Propan-2-ol	67-63-0	8-Hour TWA: 200 ppm
	2-(2-butoxyethoxy)ethanol	112-34-5	8-Hour TWA: 10 ppm (inhalable fraction and vapor)
NIOSH	Propan-2-ol	67-63-0	IDLH: 2000 ppm
	Propan-2-ol	67-63-0	15-Minute STEL: 1225 mg/m ³ (500 ppm)
	Propan-2-ol	67-63-0	REL-TWA: 980 mg/m ³ (400 ppm [up to 10 hr])
OSHA	Propan-2-ol	67-63-0	8-Hour TWA-PEL: 980 mg/m ³ (400 ppm)
United States(California)	Propan-2-ol	67-63-0	8-Hour TWA-PEL: 980 mg/m ³ (400 ppm)
	Propan-2-ol	67-63-0	15-Minute STEL: 1225 mg/m ³ (500 ppm)

Biological Limit Values:

Country (Legal Basis)	Substance	Identifier	Determinant	Specimen	Sampling time	Permissible limits
ACGIH	Propan-2-ol	67-63-0	Acetone	Urine	EOS/EOW	40 mg/L

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Information on Monitoring Procedures:

Not determined or not applicable.

Appropriate Engineering Controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal Protection Equipment

Eye and Face Protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and Body Protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

General Hygienic Measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Appearance	Yellow Liquid
Odor	Berry - Slight alcohol
Odor threshold	Not determined or not available.
pH	5.0-7.0
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	70-90 c
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	0.98-0.99
Solubilities	Water

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Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

SECTION 10: Stability and Reactivity

Reactivity:

Not reactive under recommended handling and storage conditions.

Chemical Stability:

Stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

Conditions to Avoid:

Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

Incompatible Materials:

None known.

Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological Information

Acute Toxicity

Assessment:

Harmful if swallowed.

Product Data: No data available.

Substance Data:

Name	Route	Result
Propan-2-ol	oral	LD50 Rat: 5840 mg/kg
	dermal	LD50 Rabbit: 12,800 mg/kg
2-(2-butoxyethoxy)ethanol	dermal	LD50 Rabbit: 2764 mg/kg
	oral	LD50 Mouse: 2410 mg/kg
Octamethylcyclotetrasiloxane	oral	LD50 Rat: > 4800 mg/kg
	dermal	LD50 Rat: > 2000 mg/kg
	inhalation	LC50 Rat: 36 mg/L (4 hr [aerosol])

Skin Corrosion/Irritation

Assessment:

Causes skin irritation.

Product Data:

No data available.

Substance Data:

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Name	Result
Aminosiloxane	Causes severe skin burns.

Serious Eye Damage/Irritation

Assessment:

Causes serious eye irritation.

Product Data:

No data available.

Substance Data:

Name	Result
Propan-2-ol	Causes serious eye irritation.
2-(2-butoxyethoxy)ethanol	Causes serious eye irritation.
Aminosiloxane	Causes serious eye damage.

Respiratory or Skin Sensitization

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data: No data available.

International Agency for Research on Cancer (IARC):

Name	Classification
Propan-2-ol	Group 3
2-(2-butoxyethoxy)ethanol	Not Applicable
Octamethylcyclotetrasiloxane	Not Applicable
Aminosiloxane	Not Applicable

National Toxicology Program (NTP):

Name	Classification
Propan-2-ol	Not Applicable
2-(2-butoxyethoxy)ethanol	Not Applicable
Octamethylcyclotetrasiloxane	Not Applicable
Aminosiloxane	Not Applicable

OSHA Carcinogens:

Ingredient Name	CAS	OSHA Carcinogens Status
Propan-2-ol	67-63-0	Yes

Germ Cell Mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Reproductive Toxicity

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Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data:

Name	Result
Octamethylcyclotetrasiloxane	Suspected of damaging fertility.

Specific Target Organ Toxicity (Single Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data:

Name	Result
Propan-2-ol	May cause drowsiness or dizziness.

Specific Target Organ Toxicity (Repeated Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Information on Likely Routes of Exposure:

No data available.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

Other Information:

No data available.

SECTION 12: Ecological Information

Acute (Short-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
Propan-2-ol	Fish LC50 Pimephales promelas: 9640 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 9714 mg/L (24 hr [mobility])
2-(2-butoxyethoxy)ethanol	Fish LC50 Lepomis macrochirus: 1300 mg/L (96 hr)
	Aquatic Plants EC50 Desmodemus subspicatus: >100 mg/L (96 hr [growth rate and biomass])
	Aquatic Invertebrates EC50 Daphnia magna: >100 mg/L (48 hr [mobility])

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Name	Result
Octamethylcyclotetrasiloxane	Fish LC50 Oncorhynchus mykiss: > 0.022 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: > 0.015 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: > 0.022 mg/L (96 hr [growth rate])

Chronic (Long-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
Propan-2-ol	Fish NOEC Danio rerio: >1000 mg/L (28 d [NOELR-growth rate, QSAR substance data])
	Aquatic Invertebrates NOEC Daphnia magna: >1000 mg/L (21 d [NOELR-reproduction, QSAR substance data])
Octamethylcyclotetrasiloxane	Fish NOEC Oncorhynchus mykiss: \geq 0.0044 mg/L (93 d [embryo viability, hatching success, larval survival and growth])
	Aquatic Invertebrates NOEC Daphnia magna: \geq 0.015 mg/L (21 d [growth and reproduction])

Persistence and Degradability

Product Data: No data available.

Substance Data:

Name	Result
Propan-2-ol	The substance is readily biodegradable. BOD5/COD ratio \geq 0.5 & 53% degradation in water, measured by O ₂ consumption, after 5 days.
2-(2-butoxyethoxy)ethanol	The substance is readily biodegradable. 85% degradation in water, measured by Oxygen consumption, after 28 days.
Octamethylcyclotetrasiloxane	The substance is not readily biodegradable. 3.7% degradation in water, measured by CO ₂ evolution, after 29 days.

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
Propan-2-ol	The substance is not expected to bioaccumulate (log Pow= 0.05 at 25 °C & BCF= 1.013 L/kg ww, QSAR substance data).
2-(2-butoxyethoxy)ethanol	The substance has a low potential for bioaccumulation based on log Kow \leq 3.
Octamethylcyclotetrasiloxane	The substance has the potential to bioaccumulate significantly (log Pow=6.98 at 21.7 °C)

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
Propan-2-ol	The substance is highly mobile, therefore, adsorption to soil is not expected (Koc= 1.53 L/kg, QSAR substance data).

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Name	Result
Octamethylcyclotetrasiloxane	The substance is hardly mobile, therefore adsorption to soil is expected (log Koc: 4.22).

Results of PBT and vPvB assessment

Product Data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance Data:

PBT assessment:

Propan-2-ol	The substance is not PBT.
2-(2-butoxyethoxy)ethanol	The substance is not PBT.
Octamethylcyclotetrasiloxane	The substance is not a PBT.

vPvB assessment:

Propan-2-ol	The substance is not vPvB.
2-(2-butoxyethoxy)ethanol	The substance is not vPvB.
Octamethylcyclotetrasiloxane	The substance is not a vPvB.

Other Adverse Effects: No data available.

SECTION 13: Disposal Considerations

Disposal Methods:

Dispose of in accordance with state and federal regulations. Small amounts of neat solution can be flushed with copious amounts of water to a sanitary sewer system.

Contaminated packages:

Contact the manufacturer for advice. Wear appropriate personal protective equipment before attempting to handle.

SECTION 14: Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Maritime Dangerous Goods (IMDG)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

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UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA):

67-63-0	Propan-2-ol	Listed - Active
112-34-5	2-(2-butoxyethoxy)ethanol	Listed - Active
556-67-2	Octamethylcyclotetrasiloxane	Listed - Active
Proprietary	Aminosiloxane	Not Listed

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export Notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

SARA Section 313 Toxic Chemicals:

67-63-0	Propan-2-ol	Listed
112-34-5	2-(2-butoxyethoxy)ethanol	Listed

CERCLA:

67-63-0	Propan-2-ol	Listed	100 lbs
112-34-5	2-(2-butoxyethoxy)ethanol	Listed	N/A

RCRA:

67-63-0	Propan-2-ol	Listed	100 lbs for RCRA D001
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Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

67-63-0	Propan-2-ol	Listed
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New Jersey Right to Know:

67-63-0	Propan-2-ol	Listed
112-34-5	2-(2-butoxyethoxy)ethanol	Listed

New York Right to Know:

67-63-0	Propan-2-ol	Listed
112-34-5	2-(2-butoxyethoxy)ethanol	Listed

Pennsylvania Right to Know:

67-63-0	Propan-2-ol	Listed
112-34-5	2-(2-butoxyethoxy)ethanol	Listed

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California Proposition 65: None of the ingredients are listed.

Additional information: Not determined.

SECTION 16: Other Information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 0-0-0

HMIS: 1-1-0-B

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End of Safety Data Sheet