

DETAILER SAFETY DATA SHEET



1 Identification

Product Name: Detailer

Recommended uses and restrictions:

Protective coating solution

E-Mail: info@oberkcarcare.com

Web: www.oberkcarcare.com

EMERGENCY CONTACT (24 hour)

Poison Control Center - (877) 800-5553


CHEMTREC - (800) 424-9300

2 Hazard identification

2.1. Classification of the Substance or mixture:

Classification (GHS CAN/US)	
Serious eye damage/eye irritation Category 2	H319

2.2. GHS Label Elements, Including Precautionary Statements:

GHS CAN/US labeling	
<p>Hazard pictograms:</p> <p>Signal word:</p> <p>Hazard statements:</p> <p>Precautionary statements:</p>	 <p>Warning</p> <p>H319 - Causes serious eye irritation</p> <p>P264 - Wash hands, forearms and face thoroughly after handling.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 - If eye irritation persists: Get medical advice/attention.</p>

2.3. Other Hazards:

No additional information available

2.4. Unknown Acute Toxicity:

No data available

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3 Composition/information on ingredients

3.1. Substances:

Not applicable

3.2. Mixtures:

Name	Product identifier	%
Water	CAS-No: 7732-18-5	80 – 100
Aminopropyl Terminated Polydimethylsiloxane	CAS-No: 106214-84-0	3 – 7
Polyether compound	CAS-No: 26468-86-0	3 – 7
Alcohols, C12-15, ethoxylated	CAS-No: 68131-39-5	1 – 5
Dimethylsiloxane-ethylene oxide block copolymer	CAS-No: 27306-78-1	0.1 – 1
Acetic acid	CAS-No: 64-19-7	0.1 – 1
Dipropylene glycol monomethyl ether	CAS-No: 34590-94-8	0.1 – 1
Decamethylcyclopentasiloxane	CAS-No: 541-02-6	0.1 – 1
3(2H)-Isothiazolone, 2-methyl-	CAS-No: 2682-20-4	0.1 – 1

4 First-aid measures

4.1. Description of First aid Measures:

First-aid measures after inhalation:

Remove to fresh air. Seek medical attention.

First-aid Measures after Skin Contact:

Wash thoroughly with soap and water. Seek medical attention if irritation develops or persists.

First-aid measures after eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Seek immediate medical attention.

First-aid Measures after Ingestion:

Do NOT induce vomiting. Seek medical attention.

4.2. Most Important Symptoms and Effects (Acute and Delayed):

Symptoms/effects after inhalation:

None anticipated under normal product use conditions.

Symptoms/Effects after Skin Contact:

May cause skin irritation.

Symptoms/effects after eye contact:

Causes serious eye irritation.

Symptoms/Effects after Ingestion:

May be harmful if swallowed.

4.3. Immediate Medical Attention and Special Treatment, if Necessary:

No additional information available

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5 Fire-fighting measures

5.1. Suitable Extinguishing Media:

Suitable extinguishing media:

Use suitable extinguishing media for surrounding fire.

5.2. Unsuitable Extinguishing Media:

Unsuitable extinguishing media:

None.

5.3. Specific Hazards Arising from the Hazardous Product:

Fire hazard:

None.

Explosion hazard:

None known.

5.4. Special Protective Equipment and Precautions for Fire-Fighters:

Protection during firefighting:

Firefighters should wear full protective gear.

6 Accidental release measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures:

No additional information available

6.2. Methods and Materials for Containment and Cleaning up:

For containment:

Stop the flow of material, if this is without risk.

Methods for cleaning up:

Use suitable absorbent material for spill. Place in an approved container and dispose in accordance with local, state and federal regulations.

6.3. Reference to other Sections:

For further information refer to section 8:

Exposure controls/personal protection.

7 Handling and storage

7.1. Precautions for Safe Handling:

Precautions for safe handling:

Avoid contact with eyes, skin and clothing. Do not breathe vapors, mist or spray. Wash thoroughly after handling.

7.2. Conditions for Safe Storage, Including any Incompatibilities:

Storage conditions:

Keep containers closed and in a cool, well ventilated place.

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8 Exposure controls/personal protection

8.1. Control parameters:

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Acetic acid (64-19-7):

Canada (Alberta) - Occupational Exposure Limits	
OEL TWA	25 mg/m³
OEL TWA [ppm]	10 ppm
OEL STEL	37 mg/m³
OEL STEL [ppm]	15 ppm
Canada (Quebec) - Occupational Exposure Limits	
VECD (OEL STEL)	37 mg/m³
VECD (OEL STEL) [ppm]	15 ppm
VEMP (OEL TWA)	25 mg/m³
VEMP (OEL TWA) [ppm]	10 ppm
Canada (British Columbia) - Occupational Exposure Limits	
OEL TWA [ppm]	10 ppm
OEL STEL [ppm]	15 ppm

Acetic acid (64-19-7):

Canada (Manitoba) - Occupational Exposure Limits	
OEL TWA [ppm]	10 ppm
OEL STEL [ppm]	15 ppm
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA	25 mg/m³
OEL TWA [ppm]	10 ppm
OEL STEL	37 mg/m³
OEL STEL [ppm]	15 ppm

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Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
OEL TWA [ppm]	10 ppm
OEL STEL [ppm]	15 ppm
Canada (Nova Scotia) - Occupational Exposure Limits	
OEL TWA [ppm]	10 ppm
OEL STEL [ppm]	15 ppm
Canada (Nunavut) - Occupational Exposure Limits	
OEL TWA [ppm]	10 ppm
OEL STEL [ppm]	15 ppm
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA [ppm]	10 ppm
OEL STEL [ppm]	15 ppm
Canada (Ontario) - Occupational Exposure Limits	
OEL TWA [ppm]	10 ppm
OEL TWA [ppm]	10 ppm
Canada (Prince Edward Island) - Occupational Exposure Limits	
OEL TWA [ppm]	10 ppm
OEL STEL [ppm]	15 ppm
Canada (Saskatchewan) - Occupational Exposure Limits	
OEL TWA [ppm]	10 ppm
OEL STEL [ppm]	15 ppm
Canada (Yukon) - Occupational Exposure Limits	
OEL TWA	25 mg/m³
OEL TWA [ppm]	10 ppm
OEL STEL	43 mg/m³
OEL STEL [ppm]	25 ppm
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	10 ppm
ACGIH OEL STEL [ppm]	15 ppm

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Acetic acid (64-19-7):

USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) [1]	25 mg/m³
OSHA PEL (TWA) [2]	10 ppm

Dipropylene glycol monomethyl ether (34590-94-8):

Canada (Alberta) - Occupational Exposure Limits	
OEL TWA	606 mg/m³
OEL TWA [ppm]	100 ppm
OEL STEL	909 mg/m³
OEL STEL [ppm]	150 ppm
Canada (Quebec) - Occupational Exposure Limits	
VECD (OEL STEL)	909 mg/m³
VECD (OEL STEL) [ppm]	150 ppm
VEMP (OEL TWA)	606 mg/m³
VEMP (OEL TWA) [ppm]	100 ppm
Canada (British Columbia) - Occupational Exposure Limits	
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm
Canada (Manitoba) - Occupational Exposure Limits	
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA	606 mg/m³
OEL TWA [ppm]	100 ppm
OEL STEL	909 mg/m³
OEL STEL [ppm]	150 ppm
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm

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Canada (Nova Scotia) - Occupational Exposure Limits	
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm
Canada (Nunavut) - Occupational Exposure Limits	
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm

Dipropylene glycol monomethyl ether (34590-94-8):

Canada (Ontario) - Occupational Exposure Limits	
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm
Canada (Prince Edward Island) - Occupational Exposure Limits	
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm
Canada (Saskatchewan) - Occupational Exposure Limits	
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	100 ppm
ACGIH OEL STEL [ppm]	150 ppm
ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) [1]	600 mg/m³
OSHA PEL (TWA) [2]	100 ppm
Limit value category (OSHA)	prevent or reduce skin absorption

8.2. Appropriate Engineering Controls:

Appropriate engineering controls	Provide adequate general and local exhaust ventilation
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8.3. Individual Protection Measures/Personal Protective Equipment:

Hand protection:
Use impervious gloves such as neoprene, nitrile, or rubber for hand protection.
Eye protection:
Chemical goggles or safety glasses.
Skin and body protection:
Wear suitable working clothes.
Respiratory protection:
If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

9 Physical and chemical properties

9.1. Information on basic Physical and Chemical Properties:

Physical state:	Liquid
Color:	Clear
Odor:	Mild to slight alcohol
Odor threshold:	No data available
pH:	No data available
Relative evaporation rate (butyl acetate=1):	No data available
Relative evaporation rate (ether=1):	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	100 °C
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	No data available
Vapor pressure:	No data available
Relative vapor density at 20 °C:	No data available
Relative density:	1 g/ml
Solubility:	No data available
Partition coefficient n-octanol/water (Log Pow):	No data available
Viscosity, kinematic:	No data available
Explosion limits:	No data available

9.2. Other Information:

No additional information available

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10 Stability and reactivity

Reactivity

No additional information available.

Chemical stability:

The product is stable at normal handling and storage conditions.

Possibility of hazardous reactions :

Will not occur.

Conditions to avoid:

None

Incompatible materials:

Not determined.

Hazardous decomposition products:

Not determined.

11 Toxicological information

11.1. Information on Toxicological Effects:

Acute toxicity (oral):

Not classified.

Acute toxicity (dermal):

Not classified.

Acute toxicity (inhalation):

Not classified.

Acetic acid (64-19-7)

LD50 oral rat	3310 mg/kg
LD50 dermal rabbit	1060 mg/kg
LC50 Inhalation - Rat	11.4 mg/l/4h

3(2H)-Isothiazolone, 2-methyl- (2682-20-4)

LD50 oral rat	120 mg/kg
LD50 dermal rabbit	200 mg/kg
LC50 Inhalation - Rat	0.11 mg/l/4h

Decamethylcyclopentasiloxane (541-02-6)

LD50 oral rat	> 24134 mg/kg
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Alcohols, C12-15, ethoxylated (68131-39-5)

LD50 oral rat	1600 mg/kg
LD50 dermal rabbit	2500 mg/kg

Dipropylene glycol monomethyl ether (34590-94-8)

LD50 oral rat	5.35 g/kg
LD50 dermal rabbit	9500 mg/kg

Water (7732-18-5)

LD50 oral rat	> 90 ml/kg
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Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Causes serious eye irritation
Respiratory or skin sensitization :	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
STOT-repeated exposure:	Not classified

12 Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute):	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified

Acetic acid (64-19-7)

LC50 - Fish [1]	79 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
LC50 - Fish [2]	75 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [1]	65 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Partition coefficient n-octanol/water (Log Pow)	-0.31 (at 20 °C)

Dipropylene glycol monomethyl ether (34590-94-8)

LC50 - Fish [1]	> 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	1919 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [1]	65 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Partition coefficient n-octanol/water (Log Pow)	-0.064 (at 20 °C)

12.2. Persistence and Degradability:

No additional information available.

12.3. Bioaccumulative Potential:

Acetic acid (64-19-7)

Partition coefficient n-octanol/water (Log Pow)	-0.31 (at 20 °C)
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Dipropylene glycol monomethyl ether (34590-94-8)

Partition coefficient n-octanol/water (Log Pow)	-0.064 (at 20 °C).
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12.4. Mobility in Soil:

Acetic acid (64-19-7)

Partition coefficient n-octanol/water (Log Pow)	-0.31 (at 20 °C).
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Dipropylene glycol monomethyl ether (34590-94-8)

Partition coefficient n-octanol/water (Log Pow)	-0.064 (at 20 °C)
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12.5. Other Adverse Effects:

Ozone:
Not classified.

13 Disposal considerations

13.1. Disposal Methods:

Product/Packaging disposal recommendations:
Dispose of contents/container in accordance with local/regional/national/international regulations.

14 Transport information

In accordance with TDG / DOT / IMDG / IATA

14.1. UN Number:

UN-No. (TDG):	Not regulated
DOT NA No:	Not regulated
UN-No. (IMDG):	Not regulated
UN-No. (IATA):	Not regulated

14.2. UN Proper Shipping Name:

Proper Shipping Name (TDG):	Not regulated
Proper Shipping Name (DOT):	Not regulated
Proper Shipping Name (IMDG):	Not regulated
Proper Shipping Name (IATA):	Not regulated

14.3. Transport Hazard Class(es):

TDG/DOT/IMDG/IATA:	
Transport hazard class(es):	Not regulated
Hazard labels:	Not regulated

14.4. Packing Group:

Packing group (TDG):	Not regulated
Packing group (DOT):	Not regulated
Packing group (IMDG):	Not regulated
Packing group (IATA):	Not regulated

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14.5. Environmental Hazards:

Marine pollutant:
NO
Other information:
No supplementary information available.

14.6. Special Precautions for User:

Not applicable.

14.7. Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable.

15 Regulatory information

15.1. Canada National Regulations:

Acetic acid (64-19-7)

Listed on the Canadian DSL (Domestic Substances List).
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3(2H)-Isothiazolone, 2-methyl- (2682-20-4)

Listed on the Canadian DSL (Domestic Substances List).
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Decamethylcyclopentasiloxane (541-02-6)

Listed on the Canadian DSL (Domestic Substances List).
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Alcohols, C12-15, ethoxylated (68131-39-5)

Listed on the Canadian DSL (Domestic Substances List).
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Dipropylene glycol monomethyl ether (34590-94-8)

Listed on the Canadian DSL (Domestic Substances List).
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Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List).
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15.2. US State Regulations:

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Acetic acid (64-19-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

3(2H)-Isothiazolone, 2-methyl- (2682-20-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

Decamethylcyclopentasiloxane (541-02-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

Alcohols, C12-15, ethoxylated (68131-39-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

Dipropylene glycol monomethyl ether (34590-94-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

15.3. US State Regulations:

Acetic acid (64-19-7)

U.S. - Massachusetts - Right To Know List.
U.S. - Minnesota - Hazardous Substance List.
U.S. - New Jersey - Right to Know Hazardous Substance List.
U.S. - Pennsylvania - RTK (Right to Know) List.

Dipropylene glycol monomethyl ether (34590-94-8)

U.S. - Massachusetts - Right To Know List.
U.S. - Minnesota - Hazardous Substance List.
U.S. - New Jersey - Right to Know Hazardous Substance List.
U.S. - Pennsylvania - RTK (Right to Know) List.

16 Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.