

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printed Date: December 7, 2020

Version No.: 1.0

Revision: December 7, 2020

1 Identification

·**Product identifier**

·**Trade name:** GLASS CLEANER

·**SKU NO.:** 80042

·**UPC:** 0 89523 80042 7

·**Recommended use of the chemical and restrictions on use**

·**Application of the substance/ mixture:** *Cleaning.*

·**Details of the supplier of the safety data sheet**

·**Manufacturer/Supplier:**

WESTERN FRAGRANT CORP

7 CORPORATE PARK # 245 IRVINE 92606

Tel: 626 359 1000

Email: KEANEZ@WESTERNFRAGRANT.COM

·**Further information obtainable from:** WESTERN FRAGRANT CORP

·**Emergency telephone number**

US Poison Center

Tel: + 1 800 222 1222 (24 hours available)

2 Hazard(s) identification

·**Classification of the substance or mixture:**

Flammable aerosols	Category 2	Flammable aerosol
Gases under pressure	Liquefied gas	Contains gas under pressure; may explode if heated
Serious eye damage/eye irritation	Category 2B	Causes eye irritation

·**Classification system:**

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

·**Label elements**

·**Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**

·**Hazard pictograms:**



·**Signal word:** *Warning*

·**Hazard-determining components of labelling:** *Not applicable*

·**Hazard statements:**

Flammable aerosol.

Contains gas under pressure; may explode if heated.

Causes eye irritation.

·**Precautionary statement:**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printed Date: December 7, 2020

Version No.: 1.0

Revision: December 7, 2020

Trade Name: GLASS CLEANER

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

Wash hands and face thoroughly after handling.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Protect from sunlight. Store in a well-ventilated place.

•**Hazards not otherwise classified (HNOC):** No known otherwise classified hazards.

3 Composition/information on ingredients

•**Chemical characterization:** Mixture

•**Description:** Mixture of the substances listed below with nonhazardous additions.

•**Components:**

CAS No.	Composition Name	w/w, %
7732-18-5	Water	80.1
8042-47-5	White mineral oil	10
106-97-8	Butane	6.5
63148-62-9	Silicone oil	1.5
1338-43-8	Sorbitan monooleate	1.2
9005-65-6	Polysorbate 80	0.3
532-32-1	Sodium benzoate	0.2
5989-27-5	Limonene	0.052
78-70-6	Linalool	0.032
124-13-0	Octanal	0.012
93-92-5	Styralyl acetate	0.012
5392-40-5	Citral	0.01044
112-31-2	Decanal	0.01
106-24-1	Geraniol	0.0065

4 First aid measures

•**Description of first aid measures**

After inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If feel unwell, get medical aid immediately.

After skin contact: Rinse skin with water. If irritation persists, call a physician.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

After swallowing: Rinse mouth. If feel unwell, get medical aid immediately.

•**Information for doctor**

•**Most important symptoms and effects, both acute and delayed:** Causes eye irritation.

•**Indication of any immediate medical attention and special treatment needed:** Treat according to symptom, there is not known

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printed Date: December 7, 2020

Version No.: 1.0

Revision: December 7, 2020

Trade Name: GLASS CLEANER

specific medicine.

5 Fire-fighting measures

·**Suitable extinguishing agents:** Use CO₂, chemical powder, water spray or alcohol resistant foam to extinguish. Do not use water with full jet.

·**Special hazards arising from the substance or mixture:** May explode if heated.

·**Special protective equipment and precaution for firefighters**

Protective equipment: Wear fully protective suit and mouth respiratory protective device.

6 Accidental release measures

·**Personal precautions, protective equipment and emergency procedures:**

Cut off leakage source and collect spillage timely if safe do it; Ensure adequate ventilation; Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area); Wear personal protective equipment; Avoid breathing aerosols.

·**Environmental precautions:**

Do not allow the product to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewages system.

·**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust); Ensure good ventilation; Dispose contaminated material as waster according to item 13.

7 Handling and storage

·**Handling**

·**Precautions for safe handling:**

Smoking, eating and drinking should be prohibited; Use only in well ventilated areas; Do not spray on an open flame or other ignition source; Do not pierce or burn, even after use; Avoid all sources of ignition; Avoid breathing aerosols; Use respiratory protective device against the effects of aerosols.

·**Information about fire and explosion protection:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking; Do not pierce or burn, even after use.

·**Conditions for safe storage, including any incompatibilities**

·**Requirements to be met by storerooms and receptacles:** Protect from sunlight. Do not expose to temperatures exceeding 50 ° C/122 ° F.

·**Information about storage in one common storage facility:** Keep away from flammable substance.

·**Further information about storage conditions:** Store in a well-ventilated place.

8 Exposure controls/personal protection

·**Components with limit values that require monitoring at the workplace:**

CAS No.	Composition Name	Limit value
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Safety Data Sheet

OSHA 29 CFR 1910.1200

Printed Date: December 7, 2020

Version No.: 1.0

Revision: December 7, 2020

Trade Name: GLASS CLEANER

106-97-8	Butane	NIOSH REL: 800 ppm (1900 mg/m ³) Up to 10-hour TWA; ACGIH TLV: 1000 ppm 8-hour TWA; Cal/OSHA PEL: 800 ppm (1900 mg/m ³) 8-hour TWA
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·**Additional information:** The lists that were valid during the creation were used as basis.

·**Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:**

·**Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice; Wash hands and face after handling; See section 7 for information about design of technical facilities.

·**Personal protective equipment:**

·**Breathing equipment:** Suitable respiratory protective device recommended.

·**Protection of hands:**



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

·**Eye protection:**



Protective goggles with side-shields.

9 Physical and chemical properties

·**Information on basic physical and chemical properties**

·**Appearance:**

Form	Aerosol
Color	Colorless
Odor	LEMON
Odor threshold	Not determined.
pH-value	Not determined.
· Change in condition	
Melting point/melting range	Not determined.
Boiling point and boiling range	Not determined.
Freezing point	Not determined.
Flash point	Not determined.
Flammability(solid, gas)	Flammable gas.
Decomposition temperature	Not determined.
Self-ignition	Product is not self-ignition.
Danger of explosion	May burst if heated.
· Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
Oxidizing properties	Not oxidizing agent

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printed Date: December 7, 2020

Version No.: 1.0

Revision: December 7, 2020

Trade Name: GLASS CLEANER

·Vapor pressure	Not determined.
·Density	Not determined.
·Relative density	Not determined.
·Vapor density	Not determined.
·Evaporation rate	Not determined.
·Solubility in/Miscibility with	
Water	Soluble in water.
·Partition coefficient (n-octanol/water)	Not determined.
·Viscosity	
Dynamic	Not determined.
Kinematic	Not determined.
·Other information	Not determined.

10 Stability and reactivity

- Reactivity:** No decomposition if used according to specification.
- Chemical stability:** Stable under recommended storage conditions.
- Possibility of hazardous reactions:** No known hazardous reaction.
- Conditions to avoid:** High temperature above 50 °C and ignition source.
- Incompatible materials:** Strong acid, strong oxidizing agent and flammable substance.
- Hazardous decomposition products:** No known hazardous decomposition products.

11 Toxicological information

- Acute toxicity:** Not acute toxicity mixture.

LD50/LC50 values that is relevant for classification:

106-97-8 Butane

Rat	LC50-inhalation	658000mg/m ³ /4H
Mouse	LC50-inhalation	680000mg/m ³ /2H

63148-62-9 Silicone oil

Guinea pig	LD50-oral	>10000mg/kg
Rabbit	LD50-skin	>2000mg/kg
Rat	LD50-oral	>24000mg/kg

9005-65-6 Polysorbate 80

Rat	LD50-oral	34.5mL/kg
Mouse	LD50-oral	25000mg/kg

532-32-1 Sodium benzoate

Rat	LD50-oral	4070mg/kg
Mouse	LD50-oral	1600mg/kg
Rabbit	LD50-skin	2000mg/kg

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printed Date: December 7, 2020

Version No.: 1.0

Revision: December 7, 2020

Trade Name: GLASS CLEANER

5989-27-5 Limonene		
Rabbit	LD50-skin	> 5000mg/kg
Rat	LD50-oral	4400mg/kg
Mouse	LD50-oral	5600mg/kg
5392-40-5 Citral		
Rabbit	LD50-skin	2250mg/kg
Rat	LD50-oral	4960mg/kg
Mouse	LD50-oral	6000mg/kg
Remark: All the above data are from literature.		
·Primary irritant effect		
·Skin corrosion/irritation: Not irritant to skin.		
·Serious eyes damage/ irritation: Irritant to eyes.		
·Sensitization: Not sensitive to skin or respiratory.		
Additional toxicological information:		
The product shows the following dangers according to internally approved calculation methods for preparations: Irritant		
·Carcinogenic categories		
·IARC (International Agency for Research on Cancer):		
5989-27-5	Limonene	3
·NTP (National Toxicology Program): None of the ingredients is listed.		

12 Ecological information

·Toxicity

·Aquatic toxicity: Not hazardous to aquatic environment.

LC50/EC50/NOEC values that is relevant for classification:	
106-97-8 Butane	
Short-term toxicity to fish	LC50 (4 days) 24.11 - 147.54 mg/L
Short-term toxicity to aquatic invertebrates	C50 (48 h) 14.22 - 69.43 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (4 days) 7.71 - 19.37 mg/L
532-32-1 Sodium benzoate	
Short-term toxicity to fish	LC50 (4 days) 484 mg/L NOEC (4 days) 392.5 mg/L
Long-term toxicity to fish	NOEC (6 days) 10 mg/L LC50 (24 h) 1.4 - 1.5 g/L
Short-term toxicity to aquatic invertebrates	LC50 (4 days) 100 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 30.5 mg/L NOEC (72 h) 90 µg/L
Toxicity to microorganisms	NOEC (7 days) 100 mg/L

·Persistence and degradability: Readily biodegradable.

106-97-8	Butane	Dissipation half life=5.222 years(in air); Readily biodegradable(in water)
532-32-1	Sodium benzoate	Readily biodegradable in water

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printed Date: December 7, 2020

Version No.: 1.0

Revision: December 7, 2020

Trade Name: GLASS CLEANER

·**Bio-accumulative potential:** Low bio-accumulation.


106-97-8	Butane	Log Pow = 2.89 at 20 °C
532-32-1	Sodium benzoate	Log Pow = 1.88

·**Mobility in soil:** High mobility in soil.·**Additional ecological information**·**Other adverse effects:** No known other adverse effects.

13 Disposal consideration

·**Waste treatment methods**·**Recommendation:** Must not be disposed together with household garbage.·**Un-cleaned packaging**·**Recommendation:** Dispose of contents/container in according to the local regulation.

14 Transport information

· UN-Number DOT, IATA, IMO	UN1950
· UN proper shipping name	
DOT, IATA IMO	Aerosols, flammable Aerosols
· Transport hazard class (es)	
DOT, IATA Class Label IMO Class Label	 2 Flammable, gas 2.1 2 Aerosols 2.1
· Packing group	
DOT, IMDG, IATA	Void
· Environmental hazardous Marine pollution	No
· Special precautions for user · Danger code (Kemler) · EMS number	Warning: Flammable, gas 23 F-D, S-U
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
· UN "Model Regulation"	UN1950, Aerosols, flammable, 2.1

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printed Date: December 7, 2020

Version No.: 1.0

Revision: December 7, 2020

Trade Name: GLASS CLEANER

15 Regulatory information

·Safety, health and environmental regulations/legislation specific for the substance or mixture

·Sara

·Section 355 (extremely hazardous substances): None of the ingredients is listed.

·Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

·TSCA (Toxic Substances Control Act):

7732-18-5	Water
8042-47-5	White mineral oil
106-97-8	Butane
63148-62-9	Silicone oil
1338-43-8	Sorbitan monooleate
9005-65-6	Polysorbate 80
532-32-1	Sodium benzoate
5989-27-5	Limonene
78-70-6	Linalool
124-13-0	Octanal
93-92-5	Styralyl acetate
5392-40-5	Citral
112-31-2	Decanal
106-24-1	Geraniol

·Proposition 65

·Chemicals known to cause cancer: None of the ingredients is listed.

·Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.

·Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.

·Chemicals known to cause developmental toxicity: None of the ingredients is listed.

·Washington, WAC 173-334-130 (CHCC): None of the ingredients is listed.

·Chemicals of Concern, published by Maine DEP on July, 2015: None of the ingredients is listed.

·Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014: None of the ingredients is listed.

·High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016: None of the ingredients is listed.

·Carcinogenicity categories

·EPA (Environmental Protection Agency): None of the ingredients is listed.

·TLV (Threshold Limit Value established by ACGIH): None of the ingredients is listed.

·NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.

·OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.

16 Other information

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY:

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printed Date: December 7, 2020

Version No.: 1.0

Revision: December 7, 2020

Trade Name: GLASS CLEANER

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Abbreviations and acronyms:

DOT: Department of Transportation

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

BOD₅: Five days biochemical oxygen demand

COD: Chemical oxygen demand

PEL: Permissible Exposure Limit

TLV: Threshold limit value

REL: Recommended Exposure Limit

End of safety data sheet