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1 Identification

·Product identifier

•Trade name: <u>LEATHER CLEANER 80Z</u>
•SKU NO.: 80262
•UPC: 0 89523 80262 9
•Recommended use of the chemical and restrictions on use
•Application of the substance/ mixture: Cleaning for leather.

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 Gases under pressure Flammable aerosol Contains gas under pressure; may explode if heated

•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)

Category 2

Liquefied gas

 \cdot Hazard pictograms:



Signal word: Warning
Hazard-determining components of labelling: Not applicable
Hazard statements:

Flammable aerosol.
Contains gas under pressure; may explode if heated.

Precautionary statement:

Keep out of reach of children.
Read label before use.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.

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Protect from sunlight. Do not expose to temperatures exceeding 50 $^{\circ}C/122$ °F.

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 6.	
74-98-6	Propane	30
106-97-8	Butane	
63148-62-9	Silicone oil	2
1338-43-8	Sorbitan monooleate	1.5
25265-71-8	Dipropylene glycol	0.5-0.59
532-32-1	Sodium benzoate	0.2
7632-00-0	Sodium nitrite 0.2	
54464-57-2	2 Isocyclemone E	
118-58-1	Benzyl salicylate	
101-86-0	86-0 Hexyl cinnamic aldehyde	
80-54-6	Lilial	
88-41-5	2-t-Butylcyclohexyl acetate 0.0	
60-12-8	Phenylethyl alcohol 0.01-	
8028-48-6	Orange oil terpenes	0.01-0.05
5989-27-5	Limonene	0.02736
78-70-6	Linalool	0.0172
106-24-1	Geraniol	0.0079
127-51-5	Alpha-isomethylionone	0.006
106-22-9	Citronellol	0.0048
97-53-0	Eugenol	0.0038
91-64-5	Coumarin	0.0011

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: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact: Rinse cautiously with water for several minutes. 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: No known symptoms or effects.

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

Read label before use; 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. Keep out of reach of children. •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:

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CAS No.	Composition Name	Limit value
		OSHA PEL: 1000 ppm (1800 mg/m ³) 8-hour TWA;
74-98-6	Propane	NIOSH REL: 1000 ppm (1800 mg/m ³ Up to 10-hour TWA;
		Cal/OSHA PEL: 1000 ppm (1800 mg/m 3 8-hour TWA
		NIOSH REL: 800 ppm (1900 mg/m ³) Up to 10-hour TWA;
106-97-8	Butane	ACGIH TLV: 1000 ppm 8-hour TWA;
		Cal/OSHA PEL: 800 ppm (1900 mg/m ³) 8-hour TWA

•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:

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

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

•Eye protection:

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective goggles with side-shields.

9 Physical and chemical properties

·Information on basic physical and chemical properties

·Appearance:		
Form	Aerosol	
Color	Colorless	
Odor	Citron Eucalyptus	
Odor threshold	Not determined.	
·pH-value	4-8 at 20 °C	
·Change in condition		
Melting point/melting range	Not determined.	
Boiling point and boiling range	Not determined.	
·Freezing point	Not determined.	
·Flash point	Not determined.	

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·Flammability	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
·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
Mouse	LD50-oral	3450 mg/kg
	LC50-inhalation	39000ppm/4H

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532-32-1	Sodium benzoate		
Rat	LD50-oral	4070mg/kg	
Mouse	LD50-oral	1600mg/kg	
Rabbit	LD50-skin	2000mg/kg	
7632-00-0	Sodium nitrite		
Rat	LD50-oral	180mg/kg	
Mouse	LD50-oral	175mg/kg	
Rabbit	LD50-oral	186mg/kg	
5989-27-5	Limonene		
Rabbit	LD50-skin	> 5000mg/kg	
Rat	LD50-oral	4400mg/kg	
Mouse	LD50-oral	5600mg/kg	
Remark: Al	Remark: All the above data are from literature.		

•Primary irritant effect

•Skin corrosion/irritation: Not irritant to skin.

·Serious eyes damage/ irritation: Not irritant to eyes.

•Sensitization: Not sensitive to skin or respiratory.

•Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations.

·Carcinogenic categories

·IARC (International Agency for Research on Cancer):

5989-27-5	Limonene	3
97-53-0	Eugenol	3
91-64-5	Coumarin	3
•NTP (National Toxicology Program): None of the ingredients is listed.		

12 Ecological information

•Toxicity

A /•	,,
•Aquatic	toxicity:

LC50/EC50/NOEC values that is relevant for classification:			
74-98-6 Propane	74-98-6 Propane		
Short–term toxicity to fish	LC50 (4 days) 24.11 - 147.54 mg/L		
Short-term toxicity to aquatic invertebrates	LC50 (48 h) 14.22 - 69.43 mg/L		
Toxicity to aquatic algae and cyanobacteria	EC50 (4 days) 7.71 - 19.37 mg/L		
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		
5989-27-5 Limonene			
Short–term toxicity to fish	LC50 (4 days) 460 - 720 µg/L		
	EC50 (4 days) 688 - 702 μg/L		

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Long-term toxicity to fish	NOEC (28 days) 80 µg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 307 - 510 µg/L
	EC50 (24 h) 840 µg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 50 - 80 µg/L
	EC50 (21 days) 188 µg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 214 - 320 µg/L
	NOEC (48 h) 90 µg/L

•Persistence and degradability:

74-98-6	5 Propane	Dissipation half life=5.222 years(in air); Readily biodegradable(in water)
106-97-	-8 Butane	Dissipation half life=5.222 years(in air); Readily biodegradable(in water)
5989-2	7-5 Limonene	Readily biodegradable in water

·Bio-accumulative potential:

74-98-6	Propane	Log Pow = 2.36 at 20 °C
106-97-8	Butane	Log Pow = 2.89 at 20 °C
5989-27-5	Limonene	<i>Log Pow</i> =4.38 <i>at</i> 37 °C

•Mobility in soil: No available data.

·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	Aerosols, flammable	
ІМО	Aerosols	
·Transport hazard class (es)		
DOT, IATA		
Class	2 Flammable, gas	
Label	2.1	

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ІМО	
Class	2 Aerosols
Label	2.1
·Packing group	
DOT, IMDG, IATA	Void
·Environmental hazardous	
Marine pollution	No
•Special precautions for user	Warning: Flammable, gas
·Danger code (Kemler)	23
·EMS number	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

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	•TSCA (Toxic Substances Control Act):	
7732-18-5	Water	
74-98-6	Propane	
106-97-8	Butane	
63148-62-9	Silicone oil	
1338-43-8	Sorbitan monooleate	
25265-71-8	Dipropylene glycol	
532-32-1	Sodium benzoate	
7632-00-0	Sodium nitrite	
54464-57-2	Isocyclemone E	
118-58-1	Benzyl salicylate	
101-86-0	Hexyl cinnamic aldehyde	
80-54-6	Lilial	
88-41-5	2-t-Butylcyclohexyl acetate	
60-12-8	Phenylethyl alcohol	
8028-48-6	Orange oil terpenes	
5989-27-5	Limonene	
78-70-6	Linalool	
106-24-1	Geraniol	
127-51-5	Alpha-isomethylionone	
106-22-9	Citronellol	
97-53-0	Eugenol	

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91-64-5 Coumarin

·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:

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

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