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SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Leather Therapy® Wash
Product number : 450501, 450502, 450503

1.2. Recommended use and restrictions on use

Recommended use : Leather cleaning product
Restrictions on use : None known

1.3. Supplier

Manufacturer

W.F. Young, Inc.
302 Benton Drive
East Longmeadow, MA 01028
USA
T (413) 526-9999 x 468 - F (413) 526-9869
www.wfyoung.com

1.4. Emergency telephone number

Emergency number : Company Hotline: +1 (413) 526-9999

SECTION 2: Hazard(s) identification



2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation Category 2	Causes skin irritation
Eye irritation Category 2A	Causes serious eye irritation
Reproductive toxicity Category 2	Suspected of damaging the unborn child.

2.2. GHS Label elements, including precautionary statements

GHS US labeling


Hazard pictograms (GHS US) :  

Signal word (GHS US) : Warning

Hazard statements (GHS US) : Causes skin irritation
Causes serious eye irritation
Suspected of damaging the unborn child.

Precautionary statements (GHS US) : Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash hands thoroughly after handling.
Wear eye protection, protective gloves.
If exposed or concerned: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present

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Victor Vides Regulatory Manager	Victor Vides Regulatory Manager	Michael Carlson - Director of Quality Audra Mulligan - Regulatory Director

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and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 If on skin: Wash with plenty of water.
 If skin irritation occurs: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 Store locked up.
 Dispose of contents/container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	CAS-No.: 68585-34-2	5-13
2-methylpentane-2,4-diol	CAS-No.: 107-41-5	1-5
Acetic Acid	CAS-No.: 64-19-7	0.5-1.5

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
First-aid measures 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.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.


4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	: May cause moderate irritation to the eyes. May cause irritation to skin.
Chronic symptoms	: This product may cause reproductive harm and/or developmental effects.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

5.2. Specific hazards arising from the chemical

Fire hazard : This product is not classified as flammable or combustible.
Explosion hazard : Prolonged exposure to fire may cause containers to rupture/explode.
Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). Hydrocarbon. Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Cool down the containers exposed to heat with a water spray.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Use self-contained breathing apparatus and chemically protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Do not touch or walk on the spilled product. Avoid contact with skin, eyes and clothing.

6.1.1. For non-emergency personnel

Emergency procedures : Avoid breathing mist, vapors. Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Dike and contain spill.
Methods for cleaning up : Absorb and/or contain spill with inert material, then place in suitable container.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections


For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station.
Hygiene measures : Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area. Keep away from heat and direct sunlight. Keep container closed when not in use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Acetic Acid (64-19-7)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Acetic acid
ACGIH OEL TWA	10 ppm
ACGIH OEL STEL	15 ppm
Remark (ACGIH)	TLV® Basis: URT & eye irr; pulm func
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Acetic acid
OSHA PEL (TWA)	25 mg/m³
	10 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
2-methylpentane-2,4-diol (107-41-5)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Hexylene glycol
ACGIH OEL TWA	25 ppm (V - Vapor fraction)
ACGIH OEL STEL	10 mg/m³ (I - Inhalable particulate matter, H - Aerosol only)
	50 ppm (V - Vapor fraction)
Remark (ACGIH)	TLV® Basis: Eye & URT irr
Regulatory reference	ACGIH 2024

8.2. Appropriate engineering controls

Appropriate engineering controls : Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Wear impervious gloves. Consult supplier for specific recommendations.

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Eye protection:

Wear safety goggles or other eye protection to prevent eye contact.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear, colorless liquid.
Color	: Colorless
Odor	: Mild odor
Odor threshold	: No data available
pH	: 7.5 – 8.5
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: > 93.89 °C
Flash point	: > 93.33 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability	: No data available
Vapor pressure	: 40 mm Hg @ 20°C (68° F)
Relative vapor density at 20°C	: No data available
Particle characteristics	: Not applicable.
Relative density	: No data available
Solubility	: partly miscible. in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information


No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong oxidizers. metals. Product can attack some forms of plastics.

10.6. Hazardous decomposition products

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

SECTION 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 body weight
LD50 oral	4960 mg/kg body weight Animal: mouse
LC50 Inhalation - Rat	> 40 mg/l/4h

2-methylpentane-2,4-diol (107-41-5)

LD50 oral rat	4700 mg/kg
LD50 dermal rabbit	13.3 ml/kg

Skin corrosion/irritation : Causes skin irritation.
 pH: 7.5 – 8.5
 Serious eye damage/irritation : Causes serious eye irritation.
 pH: 7.5 – 8.5
 Respiratory or skin sensitization : Not classified
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified

Acetic Acid (64-19-7)


NOAEL (chronic,oral,animal/female,2 years)	30 mg/kg body weight
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Reproductive toxicity : Suspected of damaging the unborn child.

2-methylpentane-2,4-diol (107-41-5)

LOAEL (animal/male, F0/P)	500 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test), Guideline: other:Commission Regulation (EC) No. 440/2008, Part B.3, 30 May 2008
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2-methylpentane-2,4-diol (107-41-5)

NOAEL (animal/male, F0/P)	200 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test), Guideline: other: Commission Regulation (EC) No. 440/2008, Part B.3, 30 May 2008
NOAEL (animal/female, F0/P)	≥ 1000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test), Guideline: other: Commission Regulation (EC) No. 440/2008, Part B.3, 30 May 2008

STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

Acetic Acid (64-19-7)

NOAEL (oral, rat, 90 days)	290 mg/kg bodyweight/day
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2-methylpentane-2,4-diol (107-41-5)

NOAEL (oral, rat, 90 days)	450 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
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Aspiration hazard : Not classified
Viscosity, kinematic : No data available

Acetic Acid (64-19-7)

Viscosity, kinematic	1.015 mm²/s
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2-methylpentane-2,4-diol (107-41-5)

Viscosity, kinematic	36.957 mm²/s
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Symptoms/effects : May cause moderate irritation to the eyes. May cause irritation to skin.
Chronic symptoms : This product may cause reproductive harm and/or developmental effects.

SECTION 12: Ecological information


12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Acetic Acid (64-19-7)

LC50 - Fish [1]	> 1000 mg/l
EC50 - Crustacea [1]	> 1000 mg/l
LC50 - Fish [2]	> 300.82 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [2]	> 300.82 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 1000 mg/l
EC50 72h - Algae [2]	> 300.82 mg/l Test organisms (species): Skeletonema costatum
NOEC (chronic)	80 mg/l
NOEC chronic fish	57.2 mg/l
NOEC chronic algae	1000 mg/l

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2-methylpentane-2,4-diol (107-41-5)

LC50 - Fish [1]	8510 mg/l
EC50 - Crustacea [1]	5410 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 429 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

Leather Therapy® Wash	
Persistence and degradability	Not rapidly degradable
Alcohols, C10-16, ethoxylated, sulfates, sodium salts (68585-34-2)	
Persistence and degradability	Not rapidly degradable
Acetic Acid (64-19-7)	
Persistence and degradability	Rapidly degradable
2-methylpentane-2,4-diol (107-41-5)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

2-methylpentane-2,4-diol (107-41-5)	
Partition coefficient n-octanol/water (Log Kow)	≤ 3

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of in accordance with applicable federal, state, and local regulations.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated

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DOT	TDG	IMDG	IATA
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

DOT

Not regulated

TDG

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Leather Therapy® Wash

SARA Section 311/312 Hazard Classes	Refer to Section 2 for OSHA Hazard Classification.
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All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Acetic Acid (64-19-7)

CERCLA RQ	5000 lb
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15.2. International regulations

CANADA

Alcohols, C10-16, ethoxylated, sulfates, sodium salts (68585-34-2)

Listed on the Canadian DSL (Domestic Substances List)

Acetic Acid (64-19-7)

Listed on the Canadian DSL (Domestic Substances List)

2-methylpentane-2,4-diol (107-41-5)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Acetic Acid (64-19-7)	U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S. - New Jersey - Right to Know Hazardous Substance List
2-methylpentane-2,4-diol(107-41-5)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard

Safety Data Sheet (SDS), USA

WF Young, Inc. urges each customer or recipient of this Safety Data Sheet to study it carefully and consult, if necessary or appropriate, experts in the field to be aware of the information contained in this SDS and any hazards associated with this product and understand them. Information herein is provided in good faith and believed to be accurate as of the date shown above. However, no warranty is given, either expressed or implied. The Regulatory requirements are subject to change and may vary by location. There is the responsibility of the purchaser / user to ensure that its activities comply with legislation. The information presented here pertains only to the product as shipped. The terms of use of the product are not under the control of the manufacturer, it is the duty of the purchaser / user to determine the conditions necessary for the safe use of this product. Due to the proliferation of information sources such as the Data Sheets (MSDS) specific to a manufacturer, we are not responsible and cannot be held accountable for SDSs obtained from any source other than ourselves. If you obtained an SDS from another source or if you are worried that your SDS is outdated, please contact us for the latest version.

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