

 <b>W.F. YOUNG</b> <small>ESTD 1892</small>	<b>Leather Therapy® Restorer &amp; Conditioner</b>  <b>SAFETY DATA SHEET</b> <small>According to 29CFR 1910.1200 OSHA Hazard Communication Standard</small>	Document Code:	SDS-0026
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## SECTION 1: Identification

### 1.1. Identification

Product form : Mixture  
Product name : Leather Therapy® Restorer & Conditioner  
Product code : 450401; 450402; 450403; 450404; 451501

### 1.2. Recommended use and restrictions on use

Recommended use : Leather Conditioning  
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](http://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

Serious eye damage Category 1	Causes serious eye damage
Reproductive toxicity Category 2	Suspected of damaging the unborn child.
Hazardous to the aquatic environment – Acute Hazard Category 2	Toxic to aquatic life
Hazardous to the aquatic environment – Chronic Hazard Category 3	Harmful to aquatic life with long lasting effects

### 2.2. GHS Label elements, including precautionary statements

#### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger  
Hazard statements (GHS US) : Causes serious eye damage  
Suspected of damaging the unborn child.  
Toxic to aquatic life  
Harmful to aquatic life with long lasting effects

Precautionary statements (GHS US) : Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Avoid release to the environment.

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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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Wear eye protection.

If exposed or concerned: Get medical advice/attention.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

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	%
Sulfated Vegetable Oil, Sodium Salt	CAS-No.: 61788-67-8	60-80
Alcohols, C10-16, ethoxylated	CAS-No.: 68002-97-1	3-10
2-methylpentane-2,4-diol	CAS-No.: 107-41-5	0.1-1

\*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	: Gently wash with plenty of soap and water.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate 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	: Causes serious eye damage. May cause minor irritation to the respiratory tract and to other mucous membranes. Ingestion may cause nausea, vomiting and diarrhea.
Chronic symptoms	: Suspected of damaging the unborn child.

### 4.3. Immediate medical attention and special treatment, if necessary

Immediate medical attention is required for eye contact.

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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.  
 Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard : This product is not classified as flammable or combustible.  
 Explosion hazard : Intense heat may cause container to burst.  
 Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2). Silicon oxides. Hydrocarbon. Toxic vapors may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Prevent runoff from entering water courses, sewers and basements.  
 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. Avoid contact with eyes. Wear suitable protective clothing. Notify authorities if product enters sewers or public waters.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Do not touch or walk on the spilled product. Avoid contact with skin and eyes. 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 : Stop leak, if possible without risk.  
 Methods for cleaning up : Absorb and/or contain spill with inert material, then place in suitable container. Notify authorities if product enters sewers or public waters.  
 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.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in dry, cool, well-ventilated area. Keep container closed when not in use.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Sulfated Vegetable Oil, Sodium Salt (61788-67-8)

##### USA - OSHA - Occupational Exposure Limits

Local name	Vegetable oil mist
OSHA PEL (TWA)	15 mg/m <sup>3</sup> (Total dust) 5 mg/m <sup>3</sup> (Respirable fraction)
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/m <sup>3</sup> (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:

In case of repeated or prolonged contact wear gloves

#### Eye protection:

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

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#### 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	: Amber Liquid.
Color	: Amber
Odor	: Mild odor
Odor threshold	: No data available
pH	: 6 – 7
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: > 93.3 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Particle characteristics	: Not applicable.
Relative density	: No data available
Solubility	: Dispersible. 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.

### 10.2. Chemical stability

Stable under normal conditions.

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### 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 oxidizing agents. 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

#### Sulfated Vegetable Oil, Sodium Salt (61788-67-8)

LD50 oral rat	> 2000 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg

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

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

Skin corrosion/irritation : Not classified  
pH: 6 – 7  
Serious eye damage/irritation : Causes serious eye damage.  
pH: 6 – 7  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
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
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

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STOT-repeated exposure : Not classified

#### Sulfated Vegetable Oil, Sodium Salt (61788-67-8)

NOAEL (oral,rat,90 days)	1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:
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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

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

Viscosity, kinematic	36.957 mm²/s
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Symptoms/effects : Causes serious eye damage. May cause minor irritation to the respiratory tract and to other mucous membranes. Ingestion may cause nausea, vomiting and diarrhea.  
Chronic symptoms : Suspected of damaging the unborn child.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

#### Sulfated Vegetable Oil, Sodium Salt (61788-67-8)

LC50 - Fish [1]	550 mg/l Danio rerio (Zebrafish)
EC50 - Crustacea [1]	> 100 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	19.7 mg/l Raphidocelis subcapitata
NOEC (chronic)	> 10 mg/l Daphnia magna (Water flea)
NOEC chronic fish	0.316 mg/l Danio rerio (Zebrafish)

#### 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® Restorer & Conditioner

Persistence and degradability	Not rapidly degradable
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#### Sulfated Vegetable Oil, Sodium Salt (61788-67-8)

Persistence and degradability	Rapidly degradable
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#### Alcohols, C10-16, ethoxylated (68002-97-1)

Persistence and degradability	Rapidly degradable
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#### 2-methylpentane-2,4-diol (107-41-5)

Persistence and degradability	Readily biodegradable.
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#### 12.3. Bioaccumulative potential

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

Partition coefficient n-octanol/water (Log Kow)	≤ 3
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#### 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 in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
<b>14.1. UN number</b>			
Not regulated for transport			
<b>14.2. Proper Shipping Name</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

#### 14.6. Special precautions for user

##### DOT

Not regulated

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**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® Restorer & Conditioner**

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.

**15.2. International regulations**

**CANADA**

**Sulfated Vegetable Oil, Sodium Salt (61788-67-8)**

Listed on the Canadian DSL (Domestic Substances List)

**Alcohols, C10-16, ethoxylated (68002-97-1)**

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**

**⚠ WARNING:** This product can expose you to o-Phenylphenol, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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Component	State or local regulations
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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