



SAFETY DATA SHEET

Issuing Date 16-Sep-2015

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Revision Number MN2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product identifier

Product Name T-Relief Gel

Product Form Mixture

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use OTC (Over the Counter) Homeopathic Medication – Topical use

Uses advised against No information available

Manufacturer's details

Manufacturer Address

MediNatura, Inc.
10421 Research Rd. SE
Albuquerque, New Mexico
87123
TEL: 800-621-7644

Emergency telephone number

Emergency Telephone Number For Chemical emergency, Spill, Leak, Fire, Exposure, or accident call 505-293-3843 (Monday – Friday, 8AM – 5PM MDT)

2. HAZARDS IDENTIFICATION

GHS-US Classification of the substance or mixture

Note This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

Physical Hazards None known

Health Hazards None known

Environmental Hazards None known

GHS-US Label elements, including precautionary statements

Emergency Overview

The product contains no substances which at their given concentrations are considered to be hazardous to health.

Appearance Yellowish-brown

Physical State Solid (Gel consistency)

Odor Alcohol

Hazard pictograms (GHS-US)	None
Signal word (GHS-US)	None
Hazard statements (GHS-US)	The product contains no substances which at their given concentration or amounts, are considered to be a health hazard.

Precautionary Statements

General Advice

- P101 - If medical advice is needed, have product container or label at hand.
- P102 - Keep out of reach of children.
- P103 - Read label before use.

Prevention

- None

Response

- None

Storage

- P411 – Do not expose to extreme temperatures.

Disposal

- P501 - Dispose of contents/container in accordance with local regulations.

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other Information

No significant effects expected. May cause allergic reactions in susceptible individuals. Product has not been tested for flammability. Product may be flammable based on ingredients in product mixture.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Purified Water	7732-18-5	75.2631578947
Ethyl alcohol	64-17-5	22.0068791399
SD Alcohol 3C - Isopropyl alcohol (5%)	67-63-0	0.9105
Carbopol 980 (Carbomer)	9003-01-04	0.7
Phenoxyethanol	122-99-6	0.35
Sodium Hydroxide	1310-73-2	0.3000000000
Arnica montana, radix	68990-11-4	0.2216600000
Calendula officinalis	84776-23-8	0.1660000000
Echinacea angustifolia	84696-11-7	0.0500000000
Millefolium	84082-83-7	0.0180000000
Hamamelis virginiana	84696-19-5	0.0150000000
Chamomilla	84082-60-0	0.0060000000
Aconitum napellus	84603-50-9	0.0050000000
Belladonna	8007-93-0	0.0050000000
Bellis perennis	84776-11-4	0.0050000000
Ruta graveolens	84929-47-5	0.0020000000
Baptisia tinctoria	84775-46-2	0.0005000000
Symphytum officinale	84696-05-9	0.0001000000
Hypericum perforatum	84082-80-4	0.0000000900

4. FIRST AID MEASURES

Eye Contact	<i>Immediately flush eyes with water for at least 15 minutes. Seek medical attention if irritation occurs.</i>
Skin Contact	<i>Wash off with warm water and soap. If skin irritation or rash occurs: Seek medical attention if irritation occurs.</i>
Inhalation	<i>IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if symptoms persist.</i>
Ingestion	<i>This product is not for ingestion. If accidentally ingested, contact Poison Control (1-800-222-1222) immediately.</i>

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects *None known. May cause allergic reactions in those with known reactions to ingredients.*

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician *Treat symptomatically.*

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors.

Explosion Data

Sensitivity to Mechanical Impact *None*

Sensitivity to Static Discharge *None*

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal Precautions *Avoid contact with eyes. Remove all sources of ignition. If spilled, take caution, as material can cause surfaces to become very slippery.*

Advice for emergency responders *Wear personal protective equipment.*

Environmental Precautions

Environmental Precautions *Prevent further leakage or spillage if safe to do so. See Section 12 for additional Ecological Information*

Methods and materials for containment and cleaning up

Methods for Containment *Prevent further leakage or spillage if safe to do so.*

Methods for Cleaning Up *Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly.*

7. HANDLING AND STORAGE

Precautions for safe handling

Handling *Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Keep away from open flames, hot surfaces and sources of ignition.*

Conditions for safe storage, including any incompatibilities

Storage *Keep containers tightly closed in a dry, cool and well-ventilated place.*

Incompatible Products *Strong oxidizing agents.*

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m ³
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Appropriate engineering controls

Engineering Measures *Showers
Eyewash stations
Ventilation systems*

Individual protection measures, such as personal protective equipment

Eye/Face Protection *No special protective equipment required.*
Skin and Body Protection *No special protective equipment required.*
Respiratory Protection *None required under normal usage.*
Hygiene Measures *Handle in accordance with good industrial hygiene and safety practices.*

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	<i>Gel</i>	Appearance	<i>Yellowish-brown, Clear gelatinous mass</i>
Odor	<i>Of ethanol sweetish</i>	Odor Threshold	<i>No data available</i>

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
pH	<i>6.5 – 8.0</i>	<i>None known</i>
Melting Point/Range	<i>No data available</i>	<i>None known</i>
Boiling Point/Boiling Range	<i>No data available</i>	<i>None known</i>
Flash Point	<i>No data available</i>	<i>None known</i>
Evaporation rate	<i>No data available</i>	<i>None known</i>
Flammability (solid, gas)	<i>No data available</i>	<i>None known</i>
Flammability Limits in Air		
upper flammability limit	<i>No data available</i>	
lower flammability limit	<i>No data available</i>	
Vapor Pressure	<i>No data available</i>	<i>None known</i>
Vapor Density	<i>No data available</i>	<i>None known</i>

Specific Gravity	<i>No data available</i>	<i>None known</i>
Water Solubility	<i>Soluble in water</i>	<i>None known</i>
Solubility in other solvents	<i>No data available</i>	<i>None known</i>
Partition coefficient: n-octanol/water	<i>No data available</i>	<i>None known</i>
Auto-ignition Temperature	<i>No data available</i>	<i>None known</i>
Decomposition Temperature	<i>No data available</i>	<i>None known</i>
Viscosity	<i>NLT 20,000cps</i>	<i>None known</i>
Flammable Properties	<i>Not flammable</i>	
Explosive Properties	<i>No data available</i>	
Oxidizing Properties	<i>No data available</i>	
<u>Other information</u>		
VOC Content (%)	<i>None</i>	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep away from open flames, hot surfaces and sources of ignition.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Inhalation	<i>Not an expected route of exposure.</i>
Eye Contact	<i>May cause irritation.</i>
Skin Contact	<i>No known hazard if skin contact occurs. Contact may cause local skin reactions including irritation, rash, or skin inflammation.</i>
Ingestion	<i>Not an expected route of exposure. May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.</i>

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
<i>Water</i>	<i>90 mL/kg (Rat)</i>	<i>-</i>	<i>-</i>
<i>Ethanol</i>	<i>= 7060 mg/kg (Rat)</i>	<i>-</i>	<i>= 124.7 mg/L (Rat) 4 h</i>
<i>Sodium hydroxide</i>	<i>-</i>	<i>1350 mg/kg (Rabbit)</i>	<i>-</i>

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms *Allergic skin reactions or irritation.*

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization	<i>No information available.</i>
Mutagenic Effects	<i>No information available.</i>
Carcinogenicity	<i>Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage. Oils present in this product are known to cause cancer because of carcinogenic components (e.g. benzene) present during refinement. The oils in this product are highly refined and should not be considered carcinogens.</i>

Chemical Name	ACGIH	IARC	NTP	OSHA
<i>Ethanol</i>	<i>A3</i>	<i>Group 1</i>	<i>Known</i>	<i>X</i>

Reproductive Toxicity	<i>No information available.</i>
STOT - single exposure	<i>No information available.</i>
STOT - repeated exposure	<i>No information available.</i>
Aspiration Hazard	<i>No information available.</i>

Numerical measures of toxicity - Product

LD50 Oral *>5000 mg/kg; (ATE Mix)*

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ethanol 64-17-5		LC50 96 h: 12.0 - 16.0 mL/L static (Oncorhynchus mykiss) LC50 96 h: > 100 mg/L static (Pimephales promelas) LC50 96 h: 13400 - 15100 mg/L flow-through (Pimephales promelas)	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	LC50 48 h: 9268 - 14221 mg/L (Daphnia magna) EC50 24 h: = 10800 mg/L (Daphnia magna) EC50 48 h: = 2 mg/L Static (Daphnia magna)
Sodium hydroxide 1310-73-2		LC50 96 h: = 45.4 mg/L static (Oncorhynchus mykiss)		

Persistence and Degradability No information available.

Bioaccumulation No information available.

Chemical Name	Log Pow
Ethanol	-0.32

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Do not re-use empty containers.

California Hazardous Waste Codes 311

Chemical Name	California Hazardous Waste
Ethanol	Toxic Ignitable
Sodium hydroxide	Toxic Corrosive

14. TRANSPORT INFORMATION

DOT/IATA Not regulated

TDG Not regulated

ADR Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA *Exempt*
 DSL *Exempt*

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard *No*
 Chronic Health Hazard *No*
 Fire Hazard *No*
 Sudden Release of Pressure Hazard *No*
 Reactive Hazard *No*

Clean Water Act

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
<i>Carbomer</i>		X		
<i>Sodium hydroxide</i>	1000 lb			X

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
<i>Sodium hydroxide</i>	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

U.S. State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
<i>Ethanol</i>	64-17-5	<i>Developmental</i>

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
<i>Ethanol</i>	X	X	X		
<i>Sodium hydroxide</i>	X	X	X		X

U.S. EPA Label Information

EPA Pesticide Registration Number *Not Applicable*

16. OTHER INFORMATION**NFPA**

Health Hazard 1

Flammability 2

Instability 0

Physical and Chemical Hazards -

HMIS

Health Hazard 1

Flammability 2

Physical Hazard 0

Personal Protection X

Prepared By

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The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet