



SAFETY DATA SHEET

Ultra-Strength Muscle Rub

Issued: 01/10/2019

1 Product and Company Identification

Product identifier

- **Recommended use:** Temporarily relieves minor aches and pains of muscles and joints.
- **Trade name:** Ultra Strength Muscle Rub
- **Synonym:** Muscle Rub

Manufacturer / supplier

Natureplex, LLC
11085 Airport Road
Olive Branch, MS 38654-0221
662-874-1370 (8:00 a.m. to 5:00 p.m. Central Time; Monday through Friday)

- **Poison Control Center:** 800-222-1222
- **Chemtech:** 800-424-9300 (Transportation Spill Response 24 hours)

2 Hazard(s) Identification

For Consumer: Ingredients in this product are not deemed to be hazardous when the product is used as intended.

GHS Classification:

WHMIS/OSHA Classification: Skin irritation
Category 2 Eye irritation
Category 2A STOT - single exposure Category 3 Respiratory irritation



Pictogram:

Signal Word: Warning

Hazard Statement:

H302: Harmful if swallowed
H315: Causes skin irritation
H319: Causes serious eye irritation

Precautionary Statements:

Wash hands thoroughly after handling. If swallowed call a POISON CENTER or doctor. If on skin wash with plenty of water. If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. For specific treatment see label. If skin irritation occurs get medical advice/attention. If eye irritation persists get medical advice/attention.



SAFETY DATA SHEET

Ultra-Strength Muscle Rub

Issued: 01/10/2019

3 Composition / Information on Ingredients

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Camphor	76-22-2	4%
Menthol	2216-51-5	10%
Methyl salicylate	119-36-8	30%
Carbomer	9003-01-4	PROPRIETARY
Cetyl alcohol	36653-82-4	PROPRIETARY
Glycerin	56-81-5	PROPRIETARY
Glyceryl stearate	123-94-4	PROPRIETARY
Isopropyl Palmitate	142-91-6	PROPRIETARY
Methylparaben	99-76-3	PROPRIETARY
Potassium cetyl phosphate	19035-79-1	PROPRIETARY
Propylparaben	94-13-3	PROPRIETARY
Purified Water	7732-18-5	PROPRIETARY
Stearic Acid	57-11-4	PROPRIETARY
Stearyl Alcohol	112-92-5	PROPRIETARY
Triethanolamine	102-71-6	PROPRIETARY

4 First Aid Measures

Emergency and First Aid Procedures

- **Inhalation:** Remove to fresh air. If symptoms persist, call a physician.
- **Eye contact:** Do not rub eyes. Flush eyes thoroughly with water for at least 15 minutes. If the condition worsens or irritation persists, contact a physician.
- **Skin contact:** In the case of skin irritation or allergic reactions see a physician
- **Ingestion:** Do not induce vomiting. Contact a physician or a Poison Control Center.

5 Fire Fighting Measures

- **Suitable extinguishing agents:** Fires involving this material can be controlled with a dry chemical, carbon dioxide or Halon extinguisher.
- **Fire and/or explosion hazards:** None known
- **Special firefighting procedures:** None known

6 Spill or Leak Procedures

ACCIDENTAL RELEASE MEASURES

- **Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
- **Methods and materials for containment and cleaning up:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
- **Environmental precautions:** Do not let product enter drains.



SAFETY DATA SHEET

Ultra-Strength Muscle Rub

Issued: 01/10/2019

7 Handling and Storage

- **Handling**
- Keep away from heat. Keep away from sources of ignition.
- **Storage**
Keep container tightly closed in a dry and well-ventilated place.

8 Exposure Controls / Personal Protection

- **Occupational exposure limits:** No exposure limits noted for ingredient(s).
- **Biological limit values:** No biological exposure limits noted for the ingredient(s).
- **Appropriate engineering controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels low. If user operations generate dust, fumes, or mist, ventilate to keep exposure to airborne contaminants low.
- **Individual protection measures, such as personal protective equipment**
 - **Eye/Face protection:** Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)
 - **Skin protection:** Handle with gloves.
 - **Respiratory protection:** None required for consumer use.
 - **Thermal hazards:** Wear appropriate thermal protective clothing, when necessary.
- **General hygiene considerations:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9 Physical and Chemical Properties

Appearance

Physical State: Smooth Cream

Color: White

Form: Cream

Upper/lower flammability or explosive limits: Not Available

Odor: Wintergreen/menthol scent

Vapor pressure: Not Available

Odor threshold: Not Available

Vapor density: Not Available

pH: 6.5 to 8.5

Relative density: Not Available

Melting point/freezing point: Not Available

Solubility(ies): Not Available

Initial boiling point and boiling range: Not Available

Flash point: 196° F

Evaporation rate: Not Available

Flammability (solid, gas): Not Available

Partition coefficient: n-octanol/water: Not Available

Auto-ignition temperature: Not Available

Decomposition temperature: Not Available



SAFETY DATA SHEET

Ultra-Strength Muscle Rub

Issued: 01/10/2019

Viscosity: $\geq 600,000$ cps

10 Stability and Reactivity

Reactivity : Not normally reactive.

Chemical stability : Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions : Hazardous polymerization does not occur.

Conditions to avoid : Avoid contact with incompatible materials.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products: None known, refer to hazardous combustion products in Section 5.

11 Toxicological Information

Information on likely routes of exposure:

- Routes of entry inhalation: YES
- Routes of entry skin & eye : YES
- Routes of entry Ingestion : YES
- Routes of exposure skin absorption: NO

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation: Dusts may cause irritation of the mucous membranes and respiratory tract

Sign and symptoms ingestion May be irritating to mouth, nose and throat.

Sign and symptoms skin : May irritate skin.

Sign and symptoms eyes : Cause eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis.

Potential Chronic Health Effects: None known or reported by the manufacturer.

Mutagenicity : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity : No component of this product present at levels greater than, or equal to, 0.1% is identified as a carcinogen or potential carcinogen by ACGIH, IARC, OSHA, or NTP.

Reproductive effects & Teratogenicity : Not expected to cause reproductive effects.

Sensitization to material : None known or reported by the manufacturer.

Specific target organ effects: No data available to indicate the product, or any components present at greater than 1%, are classified as hazardous for target organ toxicity.

Medical conditions aggravated by overexposure : None known or reported by the manufacturer.

Synergistic materials : None known.

Toxicological data:

<u>Chemical name</u>	<u>LC₅₀(4hr)</u>	<u>LD₅₀</u>	
	<u>inh. rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Menthol crystals USP	N/Av	3300 mg/kg	N/Av

Other important toxicological hazards

: None known or reported by the manufacturer.



SAFETY DATA SHEET

Ultra-Strength Muscle Rub

Issued: 01/10/2019

12 Ecological Information

Ecotoxicity effects: No data are available on the product itself.

Product/ Ingredient Name	Result	Species	Dose	Exposure
Menthol crystals USP	96 Hr LC50 Pimephales promelas	Fish	18.9 mg/L [flow-through]	-
Menthol crystals USP	N/A	Daphnia	N/A	-
Menthol crystals USP	N/A	Algae	N/A	-

Persistence and degradability: No data is available on the degradability of this product.

Bio-accumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: None.

13 Disposal Considerations

This product must be disposed of according to local, state, and federal environmental control regulations.

14 Transport Information

This product is not a Department of Transportation controlled material, and it requires no special provisions for transport.

15 Regulatory Information

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity (RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Menthol crystals USP	2216-51-5	Yes	N/Ap	N/Av	No	NS

All components are on the U.S. EPA TSCA Inventory list.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

Ingredients	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Menthol crystals USP	2216-51-5	No	N/Ap	No	No	No	No	No	No

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.



SAFETY DATA SHEET

Ultra-Strength Muscle Rub

Issued: 01/10/2019

Canadian Information:

Canadian Environmental Protection Act (CEPA): All ingredients are present on the DSL.
WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

International Information:

Components listed below are present on the following International Inventory list:

Ingredients	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	New Zealand IOC
Menthol crystals USP	2216-51-5	218-690-9	Present	Present	(3)-2333	KE-24409	Present	HSR003330

16 Additional Information

The information herein is based on data considered to be accurate as of the date of preparation of this safety data sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the product.

Uncontrolled COPY