

SECTION 1: IDENTIFICATION

**Product Name:** Rust Remover

**Product Use:** Rust Remover

**Restrictions on Use:** Do not use with chlorates, nitrates, hypochlorites or alkaline materials

**Supplier:** RAW Biochem Inc.

**Address:** 452 Crystal Gn. Mn.  
Calgary, Alberta, Canada T1S 0A3

**Phone Number:** 1.403.850.3570

**EMERGENCY TELEPHONE NUMBER**

**Local Contact:** 1.403.850.3570

SECTION 2: HAZARD(S) IDENTIFICATION

**Emergency Overview**

**Color:** Amber

**Physical State:** Liquid

**Odour:** Soapy Odour

**Hazards of Product:**

**OSHA Hazard Communication Standard**

This product is a "Non-Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Classification of the substance or mixture:** Serious Eye Damage/Eye Irritation – Category 1

**Potential Health Effects**

**Signal Word:** Causes Serious Eye Damage  
Harmful if Swallowed

**Prevention:** Keep in original container  
Wear eye or face protection

**Response:** Wash hands thoroughly after handling. Do not eat, drink or smoke when using product  
Absorb spillage to prevent material damage  
If SWALLOWED: Call Poison Center or a doctor/physician if you feel unwell. Rinse mouth. In EYES: Rinse cautiously with water for several minutes. Remove contact lenses. If present and easy to do. Continue rinsing. Immediately call Poison Center or doctor/physician.

**Storage:** Store in corrosive resistance containers such as fiberglass, polyethylene, polypropylene or containers with a resistant inner lining.

**Disposal:** Disposal of contents/container in accordance with local/regional/national/international regulations.

#### SECTION 3: COMPOSITION INFORMATION

Chemical Name	CAS #	Weight %
Coconut Fatty Acid	61788-47-4	Prop.
Coconut Oil	8001-31-8	Prop.
Palm Oil	8002-75-3	Prop.
APG	132778-0-6	Prop.
Urea Salt	506-89-8	Prop.

#### SECTION 4: FIRST-AID MEASURES

<b>General Advice:</b>	First Aid responders should pay attention to self-protection and use the recommended protective clothing. If potential for exposure exists refer to Section 8 for specific personal protective equipment.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>Skin Contact:</b>	Flush contaminated skin with plenty of water.
<b>Eye Contact:</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed, and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that the vomit does not enter the lungs. Get medical attention if adverse health affects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recover position and get medical attention immediately. Maintain an open airway. Loosen light clothing such as a collar, tie, belt of waistband.
<b>Ingestion:</b>	
<b>Most Important Symptoms/Effects, Acute and Delayed</b>	
<b>Potential Acute Health Effects</b>	
<b>Eye Contact:</b>	Causes serious eye damage.
<b>Inhalation:</b>	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure
<b>Skin Contact:</b>	Causes mild skin irritation
<b>Ingestion:</b>	Harmful if swallowed. Irritating to mouth, throat and stomach
<b>Over Exposure Signs/Symptoms</b>	
<b>Eye Contact:</b>	Adverse symptoms may include the following: Pain or irritation Watering Redness
<b>Inhalation</b>	No know significant effects or critical hazards.
<b>Skin Contact:</b>	Adverse symptoms may include the following: Irritation Redness
<b>Ingestion:</b>	Harmful if swallowed. Irritating to mouth, throat and stomach
<b>Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary</b>	
<b>Note to Physician:</b>	In case of inhalation or decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
<b>Specific Treatments:</b>	No specific treatment
<b>Protection of First Aiders:</b>	No action shall be taken involving any personal risk without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

#### SECTION 5: FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing media:</b>	This material will not burn. Use extinguishing media appropriate for surrounding fire.
<b>Flash Point:</b>	As defined by OSHA, this product is non-flammable
<b>Protection to Firefighters:</b>	No special precautions needed

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Evacuate the area as the floor may be slippery. Use care to prevent spills and
<b>Environmental Precautions:</b>	None required.
<b>Methods for Containment and Cleanup:</b>	Rinse area thoroughly with water. This product is safe to wash into drains and waste systems.

**SECTION 7: HANDLING AND STORAGE**

<b>Handling Procedures:</b>	No special procedures required
<b>Storage Procedures:</b>	Store in cool, well ventilated area. Avoid low temperatures

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Exposure Limits:</b>	None established
<b>Engineering Controls:</b>	None required
<b>Gloves Procedures</b>	None required
<b>Eye/Face Protection:</b>	Whenever handling any chemical, it is recommended to wear safety glasses
<b>Respiratory Protection:</b>	None required
<b>Clothing Recommendation:</b>	None required
<b>Other Safety Equipment:</b>	None required

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	
<b>Physical State:</b>	Liquid
<b>Color:</b>	Amber
<b>Odour:</b>	Soapy Odour
<b>Odour Threshold:</b>	No test data available
<b>pH:</b>	3.1 – 3.4
<b>Melting Point:</b>	Not applicable to liquids
<b>Freezing Point:</b>	-4° C (25° F)
<b>Flash Point:</b>	None (TCC)
<b>Evaporation Rate:</b>	No test data available
<b>Flammability (solid, gas):</b>	Not applicable to liquids
<b>Flammable Limits in Air:</b>	
<b>Lower:</b>	N/A
<b>Upper:</b>	N/A
<b>Autoignition Temperature:</b>	No test data available
<b>Explosion Sensitivity to Impact:</b>	No test data available
<b>Explosion Sensitivity to Static Discharge:</b>	None
<b>Products of Combustion:</b>	None

<b>Vapor Pressure:</b>	<0.01 mmHg Estimated
<b>Vapour Density (air=1):</b>	>1 Estimated
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.001 20°C/20°C Calculated
<b>Solubility in Water (by Weight):</b>	Complete
<b>Decomposition:</b>	No test data available
<b>Oxidizing Properties:</b>	No test data available
<b>Molecular Weight:</b>	No test data available

**SECTION 10: STABILITY AND REACTIVITY**

<b>Reactivity</b>	No dangerous reactions known under normal use
<b>Chemical Stability:</b>	Stable at typical use temperatures
<b>Possibility of Hazardous Reactions:</b>	None known
<b>Incompatible Materials:</b>	None known
<b>Hazardous Decomposition Products:</b>	None

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Acute Toxicity:</b>	
<b>Ingestion:</b>	None Known
<b>Dermal:</b>	None Known
<b>Inhalation</b>	None Known
<b>Eye Damage/Eye Irritation:</b>	None Known
<b>Skin Corrosion/Skin Irritation:</b>	None Known
<b>Skin Sensitization:</b>	No evidence of adverse effects.
<b>Respiratory:</b>	No evidence of adverse effects.
<b>Repeated Dose Toxicity:</b>	No evidence of adverse effects.
<b>Chronic Toxicity and Carcinogenicity:</b>	No evidence of adverse effects.
<b>Developmental Toxicity:</b>	No evidence of adverse effects.
<b>Reproductive Toxicity:</b>	No evidence of adverse effects.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	None
<b>Aquatic Toxicity:</b>	None
<b>Persistence and Degradability:</b>	Readily Biodegradable

**SECTION 13: DISPOSAL CONSIDERATIONS**

Chemicals contained are not listed as hazardous waste. This product is safe to wash into waste systems. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. As your supplier, we have no control over the management practices or manufacturing processes of parties handling or using this material. The information presented here pertains only to the product as shipped in its intended condition as described in SDS Section: Composition Information.

SECTION 14: TRANSPORT INFORMATION

DOT Non-Bulk:	Not regulated
DOT Bulk:	Not regulated
IMDG:	Not regulated
ICAO/IATA:	Not regulated

SECTION 15: REGULATORY INFORMATION

This product is a "Non-Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-To-Know Act of 1986) Sections 311 and 312**

Immediate (Acute) Health Hazard:	No
Delayed (Chronic) Health Hazard:	No
Fire Hazard:	No
Reactive Hazard:	No
Sudden Release of Pressure Hazard:	No

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-To-Know Act of 1986) Sections 313**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Special Hazardous Substances List**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**U.S. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**U.S. Toxic Substances Control Act**

All components of the product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

**SECTION 16: OTHER INFORMATION**

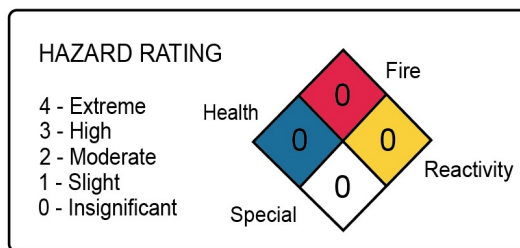
**Product Literature**

Information on this product and other products we offer can be found on our web site. Call your Sales or Customer Service Representative if you require additional information.

**HMIS Health: 0 Fire: 0 Reactivity: 0 Special: 0**

**Key to Abbreviations:**

- Prop.:** Proprietary
- CAS:** Chemical Abstract Service
- PPE:** Personal Protective Equipment
- NE:** None Established
- N/A:** Not Applicable
- TCC:** Tag Closed Cup
- OSHA:** Occupational Safety and Health Administration



The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of RAW's knowledge or obtained from sources RAW believes to be accurate.

Before using any product, read all warnings and instructions on the label.

Prepared by: Larry Peters  
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