

**SECTION 1: IDENTIFICATION**

**Product Name:** Food Service 400-1 Equipment Cleaner Concentrate

**Harmonization Code:** 3402.90.5030

**Product Description:** Plant Based Boiler Scale Remover

**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:** Yellow or Amber

**Physical State:** Liquid

**Odour:** Mild Soapy Pine 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.

**Potential Health Effects**

**Eye Contact:** No evidence of adverse effect

**Skin Contact:** No evidence of adverse effect

**Skin Absorption:** No evidence of adverse effect

**Inhalation:** No evidence of adverse effect

**Ingestion:** No evidence of adverse effect

**Aspiration Hazard:** No evidence of adverse effect

**SECTION 3: COMPOSITION INFORMATION**

Chemical Name	CAS #	Amount
Filtered Water	7732-18-5	12 – 15%
Coconut Fatty Acid	61788-47-4	2 – 5%
Coconut Oil	8001-31-8	4 – 6%
Palm Oil	8002-75-3	4 – 6%
Arcusol 479n	Compound	12 – 14%
Tergitol 15-S-15	8028-48-6	1 – 3%
Orange oil	10486-00-7	Prop.
Texapon	Compound	9 – 13%
Sodium Lauryl Ether Sulphate	009004-82-4	10 – 12%
Glycolic Acid	79-14-1	7 – 9%
Sodium Benzoate	532-32-1	2 – 4%

<p><b>General Advice:</b></p> <p><b>Inhalation</b></p> <p><b>Skin Contact:</b></p> <p><b>Eye Contact:</b></p> <p><b>Ingestion:</b></p> <p><b>Medical Conditions aggravated by exposure</b></p> <p><b>Note to Physicians:</b></p>	<p>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.</p> <p>No evidence of adverse effects</p> <p>No evidence of adverse effects</p> <p>Flush eyes with water for 5 minutes.</p> <p>No evidence of adverse effects</p> <p>None known</p> <p>No specific instructions</p>
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**SECTION 5: FIRE-FIGHTING MEASURES**

<p><b>Suitable Extinguishing media:</b></p> <p><b>Flash Point:</b></p> <p><b>Protection to Firefighters:</b></p>	<p>This material will not burn. Use extinguishing media appropriate for surrounding fire.</p> <p>As defined by OSHA, this product is non-flammable</p> <p>No special precautions needed</p>
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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<p><b>Personal Precautions:</b></p> <p><b>Environmental Precautions:</b></p> <p><b>Methods for Containment and Cleanup:</b></p>	<p>Evacuate the area as the floor may be slippery. Use care to prevent spills and falls</p> <p>None required.</p> <p>Rinse area thoroughly with water. This product is safe to wash into drains and waste systems.</p>
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**SECTION 7: HANDLING AND STORAGE**

**Handling Procedures:** No special procedures required

**Storage Procedures:** Store in cool, well ventilated area. Avoid low temperatures

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

**Exposure Limits:** None established

**Engineering Controls:** None required

**Gloves Procedures:** None required

**Eye/Face Protection:** None required

**Respiratory Protection:** None required

**Clothing Recommendation:** None required

**Other Safety Equipment:** None required

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

**Physical State:** Liquid

**Color:** Yellow or Amber

**Odour:** Mild Soapy Pine Odour

**Odour Threshold:** No test data available

**pH:** 3.0 – 3.4

**Melting Point:** Not applicable to liquids

**Freezing Point:** -4° C (25° F)

**Flash Point:** None (TCC)

**Evaporation Rate:** No test data available

**Flammability (solid, gas):** Not applicable to liquids

**Flammable Limits in Air:**

**Lower:** N/A

**Upper:** N/A

**Autoignition Temperature:** No test data available

**Explosion Sensitivity to Impact:** No test data available

**Explosion Sensitivity to Static Discharge:** None

**Products of Combustion:** None

**Vapor Pressure:** <0.01 mmHg Estimated

**Vapour Density (air=1):** >1 Estimated

**Specific Gravity (H2O = 1):** 1.001 20°C/20°C Calculated

**Solubility in Water (by Weight):** Complete

**Decomposition:** No test data available

**Oxidizing Properties:** No test data available

**Molecular Weight:** 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****Acute Exposure**

<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**

<b>DOT Non-Bulk:</b>	Not regulated
<b>DOT Bulk:</b>	Not regulated
<b>IMDG:</b>	Not regulated
<b>ICAO/IATA:</b>	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**

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

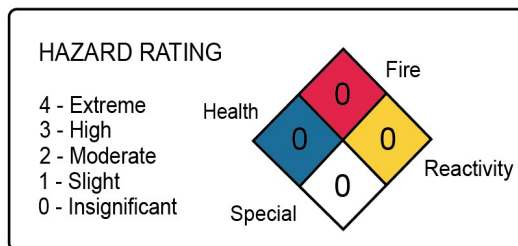
**Product Literature**

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  
Last Revision Date: 02/14/19