MATERIAL SAFETY DATA SHEET
SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME: RUGBEE EXTRACTION PLUS CLEANER
PRODUCT CODE: 13840-2 to 13844-2

CHEMICAL OR COMMON NAME: NA
DATE ISSUED: 09/10/90
SUPERSEDES: NA
SUPERSEDEDS: 06/29/90
MSDS SECTIONS WITH CHANGES: NA

PREPARED BY: Terry A. Meyers
Chemical Info. Admin.

SECTION II-INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>WEIGHT %</th>
<th>EXPOSURE LIMIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrapotassium Pyrophosphate (CAS# 7320-34-5)</td>
<td>1-3</td>
<td>NE</td>
</tr>
<tr>
<td>[SARA, PA, NJ, MA] Glycol Ether (CAS# 111-76-2)</td>
<td>2-5</td>
<td>25 ppm ACGIH TLV-TWA; 50 ppm OSHA PEL</td>
</tr>
<tr>
<td>D-Limonene (CAS# 5989-27-5)</td>
<td>3-8</td>
<td>NE</td>
</tr>
<tr>
<td>Sodium Perborate (CAS# 10486-00-7)</td>
<td>1-3</td>
<td>5 mg/m3 (Supplier Recommended)</td>
</tr>
<tr>
<td>Amine Aryl Sulfonate (CAS# ND)</td>
<td>3-8</td>
<td>NE</td>
</tr>
<tr>
<td>Alkyl Naphthalene Sodium Sulfonate</td>
<td>1-3</td>
<td>NE</td>
</tr>
<tr>
<td>Water (CAS# 7732-18-5)</td>
<td>70-90</td>
<td>NA</td>
</tr>
<tr>
<td>Alkoxylated Alcohol (CAS# 69227-21-0)</td>
<td>1-5</td>
<td>NE</td>
</tr>
</tbody>
</table>

See Regulatory Information (Section XII) for explanation of bracketed information.

SECTION III-PHYSICAL DATA

| APPEARANCE/ODOR: | Clear, light yellow, low viscosity liquid, with a sweet citrus odor | SPECIFIC GRAVITY (H2O=1): | 1.0 |
| VAPOR PRESSURE (mm Hg): | ND | PERCENT VOLATILE BY VOLUME (%): | 89.5 |
| SOLUBILITY IN WATER: | Complete | VAPOR DENSITY (Air=1): | ND |
| FREEZING POINT (°F): | ND | BOILING POINT (°F): | ND |
| pH: 9.0-10.0 | | | |
| VOC (as packaged, minus H2O): | ND | EVAPORATION RATE (Butyl Acetate=1): | ND |
| THEORETICAL VOC (lb/gal): | ND |

SECTION IV-FIRE AND EXPLOSION INFORMATION

FLASH POINT (°F) (Method Used): 118 (TCC); 143 (TCC)

FLAMMABLE LIMITS: ND
**MATERIAL SAFETY DATA SHEET**

**S.C. Johnson Wax**
1525 Howe Street
Eau Claire, Wisconsin 54703

---

**SECTION IV - FIRE AND EXPLOSION INFORMATION (cont.)**

- EXTINGUISHING MEDIA: Foam, CO₂, Dry Chemical. Water Fog.
- SPECIAL FIGHTING PROCEDURES: Normal fire fighting procedures may be used.
- NORMAL FIRE AND EXPLOSION HAZARDS: No special hazards known.

---

**SECTION V - HEALTH HAZARD DATA**

- PRIMARY ROUTE OF ENTRY: Skin contact.
- SYMPTOMS AND SYMPTOMS: Direct contact of product with eyes can cause irritation. Direct contact of product with skin can cause irritation.
- FIRST AID PROCEDURES: Flush eyes with water for 15 minutes. If irritation persists, seek medical aid. Wash skin with plenty of water. If irritation persists, seek medical aid. If product is swallowed, drink large amounts of water or milk, induce vomiting and seek medical aid.
- STABILITY: Stable
- STABILITY CONDITIONS TO AVOID: None known
- INCOMPATIBILITY: None known
- HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to fire, produces normal products of combustion.
- HAZARDOUS POLYMERIZATION: Will not occur.
- HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: None known

---

**SECTION VI - REACTIVITY DATA**

---

**SECTION VII - SPELL OR LEAK PROCEDURES**

- STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize.
- WASTE DISPOSAL INFORMATION: No special method. Follow all applicable Federal/State regulations and local ordinances regarding disposal of non-hazardous materials. Wastes from normal product use may be aired to a public owned treatment works (POTW) in compliance with applicable Federal, State, and local pretreatment requirements.

---

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

- RESPIRATORY PROTECTION: No special requirements under normal use conditions.
- VENTILATION: General room ventilation is normally adequate. Substantial amounts of mists/vapors can be controlled with local exhaust ventilation.
- PROTECTIVE CLOTHING: No special requirements under normal use conditions. If prolonged or repeated contact is possible; Any impenetrable material. Eye protection not required unless contact with undiluted product is possible.

---

**SECTION IX - SPECIAL PRECAUTIONS**

---

**SECTION X - ADDITIONAL INFORMATION**

- DOT CLASS: Non Regulated
- DOT #: NA
- SHIPPERS NAME: Cleaning, scouring or washing compounds, NOI, Liquid.

---

**SECTION XI - TRANSPORTATION INFORMATION**

---

**SECTION XII - REGULATORY INFORMATION**

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA), Chemical Substance Inventory. There are no ingredients subject to the reporting requirements under California's Proposition 65.

- MA: These ingredients are subject to the reporting requirements under the Massachusetts Hazardous Substance List.
- NJ: These ingredients are subject to the reporting requirements under the New Jersey Right to Know (NJ-Right to Know) Hazardous Substance List.
- PA: These ingredients are subject to the reporting requirements under the Pennsylvania Hazardous Substance List.
- SARA: These ingredients are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986 (Superfund Act), Section 313 and 40 CFR Part 372.

---

**MATERIAL SAFETY DATA SHEET**

---

**S.C. Johnson Wax**
1525 Howe Street
Eau Claire, Wisconsin 54703

---

**SECTION VIII - SPECIAL PROTECTION INFORMATION (cont.)**

- OTHER PROTECTIVE MEASURES: Use good personal hygiene practices.

---

**SECTION IX - SPECIAL PRECAUTIONS**

- PRECAUTIONARY LABELING: NA

---

**SECTION X - ADDITIONAL INFORMATION**

- ADDITIONAL INFORMATION: NA
- EPA REGISTRATION #: NA

---

**SECTION XI - TRANSPORTATION INFORMATION**

---

**SECTION XII - REGULATORY INFORMATION**

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA), Chemical Substance Inventory. There are no ingredients subject to the reporting requirements under California's Proposition 65.

- MA: These ingredients are subject to the reporting requirements under the Massachusetts Hazardous Substance List.
- NJ: These ingredients are subject to the reporting requirements under the New Jersey Right to Know (NJ-Right to Know) Hazardous Substance List.
- PA: These ingredients are subject to the reporting requirements under the Pennsylvania Hazardous Substance List.
- SARA: These ingredients are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986 (Superfund Act), Section 313 and 40 CFR Part 372.

---

**MATERIAL SAFETY DATA SHEET**

---

**S.C. Johnson Wax**
1525 Howe Street
Eau Claire, Wisconsin 54703

---

**SECTION VIII - SPECIAL PROTECTION INFORMATION (cont.)**

- OTHER PROTECTIVE MEASURES: Use good personal hygiene practices.

---

**SECTION IX - SPECIAL PRECAUTIONS**

- PRECAUTIONARY LABELING: NA

---

**SECTION X - ADDITIONAL INFORMATION**

- ADDITIONAL INFORMATION: NA
- EPA REGISTRATION #: NA

---

**SECTION XI - TRANSPORTATION INFORMATION**

---

**SECTION XII - REGULATORY INFORMATION**

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA), Chemical Substance Inventory. There are no ingredients subject to the reporting requirements under California's Proposition 65.

- MA: These ingredients are subject to the reporting requirements under the Massachusetts Hazardous Substance List.
- NJ: These ingredients are subject to the reporting requirements under the New Jersey Right to Know (NJ-Right to Know) Hazardous Substance List.
- PA: These ingredients are subject to the reporting requirements under the Pennsylvania Hazardous Substance List.
- SARA: These ingredients are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986 (Superfund Act), Section 313 and 40 CFR Part 372.

---

**MATERIAL SAFETY DATA SHEET**

---

**S.C. Johnson Wax**
1525 Howe Street
Eau Claire, Wisconsin 54703

---

**SECTION VIII - SPECIAL PROTECTION INFORMATION (cont.)**

- OTHER PROTECTIVE MEASURES: Use good personal hygiene practices.

---

**SECTION IX - SPECIAL PRECAUTIONS**

- PRECAUTIONARY LABELING: NA

---

**SECTION X - ADDITIONAL INFORMATION**

- ADDITIONAL INFORMATION: NA
- EPA REGISTRATION #: NA

---

**SECTION XI - TRANSPORTATION INFORMATION**

---

**SECTION XII - REGULATORY INFORMATION**

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA), Chemical Substance Inventory. There are no ingredients subject to the reporting requirements under California's Proposition 65.

- MA: These ingredients are subject to the reporting requirements under the Massachusetts Hazardous Substance List.
- NJ: These ingredients are subject to the reporting requirements under the New Jersey Right to Know (NJ-Right to Know) Hazardous Substance List.
- PA: These ingredients are subject to the reporting requirements under the Pennsylvania Hazardous Substance List.
- SARA: These ingredients are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986 (Superfund Act), Section 313 and 40 CFR Part 372.

---

**MATERIAL SAFETY DATA SHEET**

---

**S.C. Johnson Wax**
1525 Howe Street
Eau Claire, Wisconsin 54703

---

**SECTION VIII - SPECIAL PROTECTION INFORMATION (cont.)**

- OTHER PROTECTIVE MEASURES: Use good personal hygiene practices.

---

**SECTION IX - SPECIAL PRECAUTIONS**

- PRECAUTIONARY LABELING: NA

---

**SECTION X - ADDITIONAL INFORMATION**

- ADDITIONAL INFORMATION: NA
- EPA REGISTRATION #: NA

---

**SECTION XI - TRANSPORTATION INFORMATION**

---

**SECTION XII - REGULATORY INFORMATION**

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA), Chemical Substance Inventory. There are no ingredients subject to the reporting requirements under California's Proposition 65.

- MA: These ingredients are subject to the reporting requirements under the Massachusetts Hazardous Substance List.
- NJ: These ingredients are subject to the reporting requirements under the New Jersey Right to Know (NJ-Right to Know) Hazardous Substance List.
- PA: These ingredients are subject to the reporting requirements under the Pennsylvania Hazardous Substance List.
- SARA: These ingredients are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986 (Superfund Act), Section 313 and 40 CFR Part 372.

---

**MATERIAL SAFETY DATA SHEET**

---

**S.C. Johnson Wax**
1525 Howe Street
Eau Claire, Wisconsin 54703

---

**SECTION VIII - SPECIAL PROTECTION INFORMATION (cont.)**

- OTHER PROTECTIVE MEASURES: Use good personal hygiene practices.

---

**SECTION IX - SPECIAL PRECAUTIONS**

- PRECAUTIONARY LABELING: NA

---

**SECTION X - ADDITIONAL INFORMATION**

- ADDITIONAL INFORMATION: NA
- EPA REGISTRATION #: NA

---

**SECTION XI - TRANSPORTATION INFORMATION**

---

**SECTION XII - REGULATORY INFORMATION**

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA), Chemical Substance Inventory. There are no ingredients subject to the reporting requirements under California's Proposition 65.

- MA: These ingredients are subject to the reporting requirements under the Massachusetts Hazardous Substance List.
- NJ: These ingredients are subject to the reporting requirements under the New Jersey Right to Know (NJ-Right to Know) Hazardous Substance List.
- PA: These ingredients are subject to the reporting requirements under the Pennsylvania Hazardous Substance List.
- SARA: These ingredients are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986 (Superfund Act), Section 313 and 40 CFR Part 372.

---

**MATERIAL SAFETY DATA SHEET**

---

**S.C. Johnson Wax**
1525 Howe Street
Eau Claire, Wisconsin 54703

---

**SECTION VIII - SPECIAL PROTECTION INFORMATION (cont.)**

- OTHER PROTECTIVE MEASURES: Use good personal hygiene practices.

---

**SECTION IX - SPECIAL PRECAUTIONS**

- PRECAUTIONARY LABELING: NA

---

**SECTION X - ADDITIONAL INFORMATION**

- ADDITIONAL INFORMATION: NA
- EPA REGISTRATION #: NA

---

**SECTION XI - TRANSPORTATION INFORMATION**

---

**SECTION XII - REGULATORY INFORMATION**

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA), Chemical Substance Inventory. There are no ingredients subject to the reporting requirements under California's Proposition 65.

- MA: These ingredients are subject to the reporting requirements under the Massachusetts Hazardous Substance List.
- NJ: These ingredients are subject to the reporting requirements under the New Jersey Right to Know (NJ-Right to Know) Hazardous Substance List.
- PA: These ingredients are subject to the reporting requirements under the Pennsylvania Hazardous Substance List.
- SARA: These ingredients are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986 (Superfund Act), Section 313 and 40 CFR Part 372.