

S.C. Johnson Wax
 Racine, Wisconsin 53403-5011
 Phone: (414) 631-2777
 Emergency Phone: (800) 228-5635
 Extension 092
 International Emergency Phone:
 Extension 092

4=Very High
 3=High
 2=Moderate
 1=Slight
 0=Insignificant

HAZARD RATING	
HMIS	NFPA
2 Health	
2 Flammability	
0 Reactivity	

#384,407

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: 06/29/90	MSDS SECTIONS WITH CHANGES:	PREPARED BY: Terry A. Meyers Chemical Info. Adm.

SECTION II-INGREDIENT INFORMATION

INGREDIENTS	WEIGHT %	EXPOSURE LIMIT
Tetrapotassium Pyrophosphate (CAS# 7320-34-5)	1-3	NOT ESTABLISHED
[SARA, PA, NJ, MA] Ethylene Glycol Monobutyl Ether (CAS# 111-76-2)	2-5	25 PPM ACGIH/OSHA TWA (SKIN)
D-Limonene (CAS# 5989-27-5)	3-8	NOT ESTABLISHED
Sodium Perborate (CAS# 10486-00-7)	1-3	5 mg
Amine Aryl Sulfonate (CAS# ND)	3-8	NE
Alkyl Napthalene Sodium Sulfonate	1-3	NE
Water (CAS# 7732-18-5)	70-90	NOT ESTABLISHED
Alkoxyated Alcohol (CAS# 69227-21-0)	1-5	NOT ESTABLISHED
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	EVAPORATION RATE (Butyl Acetate=1): ND
VOC (as packaged, minus H2O): ND	THEORETICAL VOC (lb/gal): ND

SECTION IV-FIRE AND EXPLOSION INFORMATION

FLASH POINT (°F) (Method Used): 118 (TCC); 143 (TOC)
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SECTION IV-FIRE AND EXPLOSION INFORMATION (cont.)

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

SECTION V-HEALTH HAZARD DATA

PRIMARY ROUTE OF EXPOSURE: SKIN CONTACT.
SIGNS 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 15-20 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.
MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:

SECTION VI-REACTIVITY DATA

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 VII-SPILL 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 contain/containment.
FIRST AID PROCEDURES: No special method. Observe all applicable Federal/State regulations and local ordinances regarding disposal of non-hazardous materials. Waste from normal product use may be sewerered 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 or respiratory protection.
SPECIAL PRECAUTIONS: No special requirements under normal use conditions. If prolonged or repeated contact is possible: Any impermeous material.

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SECTION VIII-SPECIAL PROTECTION INFORMATION (cont.)

FIRE PROTECTION: Eye protection not required unless contact with undiluted product is possible.
OTHER PROTECTIVE MEASURES: Use good personal hygiene practices.

SECTION IX-SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING: NA
OTHER HANDLING AND STORAGE CONDITIONS: Store in a cool, dry place with adequate ventilation. Wash thoroughly after handling. Keep from freezing. Keep out of reach of children.

SECTION X-ADDITIONAL INFORMATION

ADDITIONAL INFORMATION: NA
EPA REGISTRATION #: NA

SECTION XI-TRANSPORTATION INFORMATION

DOT CLASS: Non Regulated.
DOT #: NA
SHIPPING NAME: Cleaning, scouring or washing compounds, NOI, liquid.

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.
NA - 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 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 Title III, Section 313 and 40 CFR Part 372.

Not Applicable. Not established. State Special Requirement. Not Determined. The information herein is given in good faith. No warranty expressed or implied is made. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and local laws and regulations. The information contained in this form is confidential and is admitted solely for your organization's internal use. 2-106 (Rev 5 - 10/90)