

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

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

HAZARD RATING	
HMIS	NFPA
2 Health	
2 Flammability	
0 Reactivity	

MATERIAL SAFETY DATA SHEET

SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME: RUGBEE TANNIN TREATMENT & DEBROWNER		PRODUCT CODE 13865-1	
CHEMICAL OR COMMON NAME NA	DATE ISSUED: 06/29/90	SUPERSEDES: 10/06/89	PREPARED BY: Terry A. Meyers Chemical Info. Adm.

SECTION II-INGREDIENT INFORMATION

INGREDIENTS	WEIGHT %	EXPOSURE LIMIT
[PA,NJ,MA] Potassium Hydroxide (CAS# 1310-58-3)	1-3	2 mg/m3 ACGIH TLV-TWA (Ceiling)
Citric Acid (CAS# 77-92-9)	5-8	NE
Nonylphenol Polyethylene Glycol Ether (CAS# 26027-38-3)	5-8	NE
[SARA,PA,NJ,MA] Glycol Ether (CAS# 34590-94-8)	20-30	100 ppm ACGIH TLV-TWA, OSHA PEL
Water (CAS# 7732-18-5)	45-55	NA
Methylene Phosphonic Acid (CAS# 6419-19-8)	5-10	NE
[PA,MA] Triethanolamine (CAS# 102-71-6)	0.6-0.9	NA
[PA,NJ,MA] Monoethanolamine (CAS# 141-43-5)	0.1-0.5	NA
See Regulatory Information (Section XII) for explanation of bracketed information.		

SECTION III-PHYSICAL DATA

APPEARANCE/ODOR: Clear, water white, low viscosity liquid	SPECIFIC GRAVITY (H2O=1): 1
VAPOR PRESSURE (mm Hg): ND	PERCENT VOLATILE BY VOLUME (%): 80
SOLUBILITY IN WATER: Complete	VAPOR DENSITY (Air=1): ND
FREEZING POINT (3F): ND	BOILING POINT (3F): ND
pH: 3.2-3.8	EVAPORATION RATE (Butyl Acetate=1): ND
VOC (as packaged, minus H2O):	THEORETICAL VOC (lb/gal):

SECTION IV-FIRE AND EXPLOSION INFORMATION

FLASH POINT (3F) (Method Used): 170 (TCC, TOC)
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Page 2

S. C. Johnson Wax
11525 Howe Street
Racine, Wisconsin
Serial Number: 1
S3403
RUGBEE TANNIN TREATMENT & DEBROWNER
Product Number: 13865

SECTION IV-FIRE AND EXPLOSION INFORMATION (cont.)

FLAMMABLE LIMITS:	ND
EXTINGUISHING MEDIA:	Foam, CO2, Dry Chemical, Water Fog.
SPECIAL FIREFIGHTING 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 ENTRY:	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 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.
ADDITIONAL COMMENTS:	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 VTT-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 containize.

WASTE DISPOSAL INFORMATION: 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 sewer 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.

SAFETY: 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.

PROTECTIVE CLOTHING: No special requirements under normal use conditions. If prolonged or repeated contact is possible: Any impervious material.

3. प्रत्यक्ष

S. C. Johnson Wax	RUGBEE TANNIN TREATMENT & DEBROWNER
11525 Howe Street	Product Number: 13865
Madison, Wisconsin	Serial Number: 1
53403	

SECTION VIII-SPECIAL PROTECTION INFORMATION (cont.)

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

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SECTION IX-SPECIAL PRECAUTIONS

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

SECTION I-ADDITIONAL INFORMATION

ADDITIONAL INFORMATION:	NA
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SECTION YI-TRANSPORTATION INFORMATION

DOT CLASS: 15 14
DOT #: NA

DOT #: N/A

ENTRYING NAME,	Cleaning, scouring or washing compounds. NOI. Liquid.

Notes: None

SECTION XII - REGULATORY INFORMATION

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.

NY - These ingredients are subject to the reporting requirements of 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.

ME-Vor Freshfished. MSR-Ma Scombal Recylfment. NO-Vot Determined

MA-Rat Applicable, ME-Not Established, NS-Not Special Requirements, NO-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. Information is not to be used for any purpose other than that for which it was intended and is not to be used for any purpose other than that for which it was intended. Information is not to be used for any purpose other than that for which it was intended.