

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
3 Flammability	3
0 Reactivity	0

## MATERIAL SAFETY DATA SHEET

### SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME: RUGBEE HEAVY DUTY SPOT & STAIN REMOVER		PRODUCT CODE: 13690-6 to 13694-6	
CHEMICAL OR COMMON NAME: NA	DATE ISSUED: 06/29/90	SUPERSEDES: 01/19/87	MSDS SECTIONS WITH CHANGES: PREPARED BY: Terry A. Meyers Chemical Info. Adm.

### SECTION II-INGREDIENT INFORMATION

INGREDIENTS	WEIGHT %	EXPOSURE LIMIT
Sodium Lauryl Sulfate (CAS# 68585-47-7)	5-10	NOT ESTABLISHED
[SARA, PA, NJ, MA] Ethylene Glycol Monobutyl Ether (CAS# 111-76-2)	4-6	25 PPM ACGIH/OSHA TWA (SKIN)
[SARA, PA, NJ, MA, MI] Xylene (CAS# 1330-20-7)	5-8	100 PPM ACGIH/OSHA TWA, 150 PPM ACGIH/OSHA STEL
Butyl Propasol (CAS# 5131-66-8)	3-6	NOT ESTABLISHED
Water (CAS# 7732-18-5)	60-80	NOT ESTABLISHED
D-Limonene (CAS# 5989-27-5)	5-10	NOT ESTABLISHED

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

### SECTION III-PHYSICAL DATA

APPEARANCE/ODOR: Pale yellow, clear liquid with strong solvent odor	SPECIFIC GRAVITY (H2O=1): 1.0
VAPOR PRESSURE (mm Hg): ND	PERCENT VOLATILE BY VOLUME (%): NA
SOLUBILITY IN WATER: Complete	VAPOR DENSITY (AIR=1): ND
FREEZING POINT (°F): ND	BOILING POINT (°F): ND
PH: 10.0-10.7	EVAPORATION RATE (Butyl Acetate=1): NA
VOC (as packaged, minus H2O): ND	THEORETICAL VOC (lb/gal): ND

### SECTION IV-FIRE AND EXPLOSION INFORMATION

FLASH POINT (°F) (Method Used): 93 (TCC)
FLAMMABLE LIMITS: ND
EXTINGUISHING MEDIA: Foam. CO2. Dry Chemical.

## MATERIAL SAFETY DATA SHEET

Page 2

S.C. Johnson Wax  
 1525 Howe Street  
 Racine, Wisconsin 53403

RUGBEE HEAVY DUTY SPOT & STAIN REMOV  
 Product Number: 13690  
 Serial Number: 6

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

SPECIAL FIREFIGHTING PROCEDURES: Normal fire fighting procedures may be used. Cool and use caution when approaching or handling fire-exposed containers. Dike fire control water for later disposal (See Section VII).

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may accumulate in confined spaces (e.g., pits, sumps, sewers) and inadequately ventilated areas. Container may melt and leak in heat of fire.

### SECTION V-HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY: Skin contact.

SIGNS AND SYMPTOMS: Direct contact of product with eyes can cause irritation. Prolonged or repeated contact of product with skin may 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, do not induce vomiting. Seek medical aid at once.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

### 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: Do not let spilled or leaking material enter watercourse. May be toxic to aquatic life. Eliminate all ignition sources. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize.

WASTE DISPOSAL INFORMATION: For undiluted product: Disposal is regulated under the Resource Conservation and Recovery Act as an ignitable waste (40 CFR 261.21). Disposal of regulated quantities should be by incineration at a permitted facility in accordance with all Federal/State regulations and local ordinances regarding disposal of ignitable wastes. Waste from normal product use may be sewerred 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 adequate.

## MATERIAL SAFETY DATA SHEET

Page 3

S.C. Johnson Wax  
1525 Howe Street  
Racine, Wisconsin 53403

RUGBEE HEAVY DUTY SPOT & STAIN REMOV  
Product Number: 13690  
Serial Number: 6

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

PROTECTIVE GLOVES: If prolonged or repeated contact is possible: Any impervious material.

EYE PROTECTION: Chemical workers splash-proof goggles

OTHER PROTECTIVE MEASURES: Use good personal hygiene practices. Launder contaminated clothing/equipment before reuse.

### SECTION IX-SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING: CAUTION: Eye irritant. Contains sodium lauryl sulfate and oil solubilizing ingredients. Avoid contact of product with eyes. Avoid prolonged or repeated contact of product with skin. If eye contact occurs, flood with water for 15 minutes. If irritation persists, see a physician. If contact with skin occurs, wash with water. If irritation persists, see a physician. See Section X.

OTHER HANDLING AND STORAGE CONDITIONS: Store in a cool, dry place with adequate ventilation. Keep from freezing. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue.

### SECTION X-ADDITIONAL INFORMATION

ADDITIONAL INFORMATION: Remove contaminated clothing and launder before reuse. Harmful if swallowed. Keep out of reach of children.

EPA REGISTRATION #: NA

### SECTION XI-TRANSPORTATION INFORMATION

DOT CLASS: Flammable liquid.

DOT #: NA1993.

SHIPPING NAME: Compound, cleaning, liquid, flammable liquid, NA 1993.

### 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.

MI - These ingredients are subject to the reporting requirements under the Michigan Critical Material 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

## MATERIAL SAFETY DATA SHEET

Page 4

S.C. Johnson Wax  
1525 Howe Street  
Racine, Wisconsin 53403

RUGBEE HEAVY DUTY SPOT & STAIN REMOV  
Product Number: 13690  
Serial Number: 6

### SECTION XII-REGULATORY INFORMATION (cont.)

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.

NA-Not Applicable, NE-Not Established, NSR-No Special Requirement, ND-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 submitted solely for your organization's internal use.  
R-106 (Rev 5 - 10/90)