

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
1 Health
0 Flammability
0 Reactivity

MATERIAL SAFETY DATA SHEET #3339

SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME: RUGBEE ENZYME SPOTTER			PRODUCT CODE 13855-1	
CHEMICAL OR COMMON NAME NA	DATE ISSUED: 06/29/90	SUPERSEDES: 09/26/89	PREPARED BY: Terry A. Meyers Chemical Info. Adm.	

SECTION II-INGREDIENT INFORMATION

INGREDIENTS	WEIGHT %	EXPOSURE LIMIT
[PA] Glycol (CAS# 57-55-6)	25-35	NE
Alkoxylated Linear Alcohol	1-5	NE
Bacterial Alpha Amylase (CAS# 9000-85-5)	1-5	NE
Bacterial Protease (CAS# 9014-01-1)	1-5	0.00006 mg/m3 Ceiling ACGIH/OSHA
Water (CAS# 7732-18-5)	60-65	NA
See Regulatory Information (Section XII) for explanation of bracketed information.		

SECTION III-PHYSICAL DATA

APPEARANCE/ODOR: Liquid	SPECIFIC GRAVITY (H2O=1): NA
VAPOR PRESSURE (mm Hg): NA	PERCENT VOLATILE BY VOLUME (%): NA
SOLUBILITY IN WATER: Complete	VAPOR DENSITY (Air=1): NA
FREEZING POINT (°F): NA	BOILING POINT (°F): NA
pH: 6.7-6.8	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):
FLAMMABLE LIMITS: NA
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.

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SECTION V-HEALTH HAZARD DATA

PRINCIPAL ROUTE OF ENTRY: Inhalation.

SIGNS AND SYMPTOMS: Direct contact of product with eyes can cause irritation. Prolonged or repeated contact of product with skin may cause irritation. Product spray mist, fog or vapor may cause irritation to nose, throat and lungs if adequate ventilation is not employed.

FIRST AID PROCEDURES: Flush eyes with water for 15 minutes. If irritation persists, seek medical aid. If product gets on skin, remove with soap and water. If mist, fog or vapors cause discomfort, remove to fresh air and ventilate area. If discomfort 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: None known

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 containerize.

Waste disposal information: No special method. Observe all applicable Federal/State regulations and local ordinances regarding disposal of non-hazardous materials.

SECTION VIII-SPECIAL PROTECTION INFORMATION

Respiratory protection: If mists/vapors are not adequately controlled by local ventilation, use appropriate respiratory protection to prevent overexposures.

Sanitation: General room ventilation is normally adequate. Substantial amounts of mists/vapors can be controlled with local exhaust ventilation or respiratory protection.

Protective clothes: No special requirements under normal use conditions.

Fire protection: No special requirements under normal use conditions.

Other protective measures: Use good personal hygiene practices.

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SECTION IX-SPECIAL PRECAUTIONS

Precautionary labeling: Warning: Contains enzymes and synthetic surfactants. If product is inhaled and causes irritation, call physician immediately.

Other labeling and storage conditions: Keep out of reach of children. Keep from freezing. Store in a cool, dry place with adequate ventilation. Wash thoroughly after handling.

SECTION X-ADDITIONAL INFORMATION

Additional information: NA

SECTION XI-TRANSPORTATION INFORMATION

DOT class: Non Regulated.

DOT #1: NA

Shipping name: Cleaning, scouring or washing compounds, NOI, liquid.

DOT labels: None

SECTION XII-REGULATORY INFORMATION

There are no ingredients subject to the reporting requirements under California's Proposition 65.

PA - These ingredients are subject to the reporting requirements under the Pennsylvania Hazardous Substance List.

MA-Not Applicable, NE-Not Established, NS-Not Special Requirement, NO-Not Determined
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