

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	
0 Flammability	
0 Reactivity	

## MATERIAL SAFETY DATA SHEET

### SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME: FORWARD DC		PRODUCT CODE 14540-26	
CHEMICAL OR COMMON NAME NA	DATE ISSUED: 04/10/91	SUPERSEDES: 05/01/90	PREPARED BY: Terry A. Meyers Chemical Info. Adm.

### SECTION II-INGREDIENT INFORMATION

INGREDIENTS	WEIGHT %	EXPOSURE LIMIT
N-Alkyl Dimethyl Benzyl Ammonium Chloride (CAS# 68391-01-5)	1.6	NOT ESTABLISHED
Sodium Metasilicate (CAS# 6834-92-0)	2-5	NOT ESTABLISHED
Sodium Tripolyphosphate (CAS# 7758-29-4)	2-4	NOT ESTABLISHED
Nonylphenol Polyethylene Glycol Ether (CAS# 26027-38-3)	3-6	NOT ESTABLISHED
Water (CAS# 7732-18-5)	80-90	NA
See Regulatory Information (Section XII) for explanation of bracketed information.		

### SECTION III-PHYSICAL DATA

APPEARANCE/ODOR: Greenish liquid with mild odor	SPECIFIC GRAVITY (H20=1): 1.08
VAPOR PRESSURE (mm Hg): NA	PERCENT VOLATILE BY VOLUME (%): NA
SOLUBILITY IN WATER: Complete	VAPOR DENSITY (AIR=1): NA
FREEZING POINT (°F): ND	BOILING POINT (°F): 200
pH: 12.5-13.5	EVAPORATION RATE (BUTYL ACETATE=1): NA

### SECTION IV-FIRE AND EXPLOSION INFORMATION

FLASH POINT (°F) (METHOD USED): NA
FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: Foam. CO2. Dry Chemical. Water Fog.
SPECIAL FIREFIGHTING PROCEDURES: Cool and use caution when approaching or handling fire-exposed containers.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Corrosive Material (See Sections VI, VIII). Container may burst in heat of fire.

# MATERIAL SAFETY DATA SHEET

Page 2

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

FORWARD DC  
Product Number: 14540  
Serial Number: 26

## 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 undiluted product with skin may cause irritation. If taken internally, product may cause corrosive damage to mouth, throat or stomach.

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 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: Strong acids (e.g., muriatic acid).

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 containerize. Rinse affected area thoroughly with water. Wear/use appropriate protective equipment.

WASTE DISPOSAL INFORMATION: For undiluted product: Disposal is regulated under the Resource Conservation and Recovery Act as a corrosive waste (40 CFR 261.22). Disposal of regulated quantities should be by neutralization at a permitted facility in accordance with all Federal/State regulations and local ordinances regarding disposal of corrosive wastes. Waste from normal product use may be sewered 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: NSR

PROTECTIVE GLOVES: For undiluted product: Any impervious material.

EYE PROTECTION: For undiluted product: Chemical workers splash-proof goggles

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

# MATERIAL SAFETY DATA SHEET

Page 3

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

FORWARD DC  
Product Number: 14540  
Serial Number: 26

## SECTION IX-SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING: CAUTION: Avoid contact of undiluted product with skin or eyes. In case of contact immediately flush eye or skin with plenty of water. Get medical attention if irritation persists.

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

## SECTION X-ADDITIONAL INFORMATION

ADDITIONAL INFORMATION: EPA REG. 4822-21

## SECTION XI-TRANSPORTATION INFORMATION

DOT CLASS: Non-Hazardous

DOT #: NA

SHIPPING NAME: Cleaning, scouring or washing compounds. NOI Liquid.

DOT NOTES: NA

NA-Not Applicable, NE-Not Established, NSR-No Special Requirement, ND-Not Determined for this product  
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.