

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: GP FORWARD CLEANER		PRODUCT CODE 14520-8	
CHEMICAL OR COMMON NAME NA	DATE ISSUED: 09/11/91	SUPERSEDES: 03/18/91	PREPARED BY: Terry A. Meyers Chemical Info. Adm.

SECTION II-INGREDIENT INFORMATION

INGREDIENTS	WEIGHT %	EXPOSURE LIMIT
[PA,NJ,MA] Sodium Hydroxide (CAS# 1310-73-2)	1-3	2 MG/M3 ACGIH/OSHA CEILING
Sodium Silicate (CAS# 1344-09-8)	3-6	NOT ESTABLISHED
Nonylphenol Polyethylene Glycol Ether (CAS# 26027-38-3)	1-4	NOT ESTABLISHED
Water (CAS# 7732-18-5)	80-90	NA
[PA,NJ,MA] Potassium Hydroxide (CAS# 1310-58-3)	0.05-0.1	2 MG/M3 ACGIH TLV-TWA (Ceiling)
See Regulatory Information (Section XII) for explanation of bracketed information.		

SECTION III-PHYSICAL DATA

APPEARANCE/ODOR: Clear, green liquid	SPECIFIC GRAVITY (H2O=1): 1.0
VAPOR PRESSURE (mm Hg): NA	PERCENT VOLATILE BY VOLUME (%): NA
SOLUBILITY IN WATER: Complete	VAPOR DENSITY (Air=1): NA
FREEZING POINT (3F): ND	BOILING POINT (3F): above 200
pH: 12.5min. (Undiluted)	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): NA
FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: Foam. CO2. Dry Chemical. Water Fog.
SPECIAL FIREFIGHTING PROCEDURES: Normal fire fighting procedures may be used. 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.

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SECTION V-HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY:	Skin contact.
SIGNS AND SYMPTOMS:	Direct contact of product with eyes can cause severe 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:	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:	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 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:	NSR
PROTECTIVE GLOVES:	No special requirements under label recommended use directions. If prolonged or repeated contact with undiluted product is possible: Any impervious material.
EYE PROTECTION:	For undiluted product: Chemical workers splash-proof goggles Safety glasses with side shields at label recommended use directions.
OTHER PROTECTIVE MEASURES:	Use good personal hygiene practices. Launder contaminated clothing/equipment before reuse.

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SECTION IX-SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING:	CAUTION: Eye irritant. For industrial use only. Do not get in eyes.
OTHER HANDLING AND STORAGE CONDITIONS:	Keep out of reach of children. 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:	NA
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SECTION XI-TRANSPORTATION INFORMATION

DOT CLASS:	Non Regulated.
DOT #:	NA
SHIPPING NAME:	Cleaning, scouring or washing compounds. NOI. Liquid.
DOT NOTES:	None

SECTION XII-REGULATORY INFORMATION

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.
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.

NA-Not Applicable, NE-Not Established, NSR-No Special Requirement, ND-Not Determined
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