

S.C. Johnson Wax
Racine, Wisconsin 53403-5011
Phone: (414) 631-2777
Emergency Phone: (800) 228-5635
Extension 092

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

| HAZARD RATING | |
|----------------|------|
| HMIS | NFPA |
| 3 Health | |
| 0 Flammability | |
| 0 Reactivity | |

MATERIAL SAFETY DATA SHEET #76,77, 2564

SECTION I-PRODUCT IDENTIFICATION

| | | | | |
|--------------------------------|--------------------------|-------------------------|--|--|
| PRODUCT NAME: VIREX 128 | | | | PRODUCT CODE 13780-4-5 to 13784-4-5 |
| CHEMICAL OR COMMON NAME: NA | DATE ISSUED: 06/03/92 | SUPERSEDES: 03/30/92 | MSDS SECTIONS WITH CHANGES: No significant changes. | PREPARED BY: Terry A. Meyers Chemical Info. Adm. |

SECTION II-INGREDIENT INFORMATION

| INGREDIENTS | WEIGHT % | EXPOSURE LIMIT |
|--|-----------|---------------------------|
| Ethanol (CAS# 64-17-5) | 1-3 | 1000 PPM ACGIH/OSHA TWA |
| EDTA (CAS# 60-00-4) | 1-3 | NOT ESTABLISHED |
| Octyl Dimethyl Amine Oxide (CAS# 2605-78-9) | 1-3 | NOT ESTABLISHED |
| N-Alkyl Dimethyl Benzyl Ammonium Chloride | 3.07 | ND |
| Didecyl Dimethyl Ammonium Chloride | 4.60 | ND |
| Water | 81-90 | NA |
| Sodium Hydroxide (CAS# 1310-73-2) | under 1.0 | 2mg/m3 ACGIH/OSHA Ceiling |
| See Regulatory Information (Section XII) for explanation of bracketed information. | | |

SECTION III-PHYSICAL DATA

| | |
|---|--|
| APPEARANCE/ODOR: Clear, blue liquid with mild antiseptic odor | SPECIFIC GRAVITY (H2O=1): 1.01 |
| VAPOR PRESSURE (mm Hg): ND | PERCENT VOLATILE BY VOLUME (X): 88-90 |
| SOLUBILITY IN WATER: Complete | VAPOR DENSITY (Air=1): ND |
| FREEZING POINT (°F): ND | BOILING POINT (°F): above 200 |
| pH: 8.0-9.4 | EVAPORATION RATE (Butyl Acetate=1): ND |
| VOC (as packaged, minus H2O): ND | THEORETICAL VOC (lb/gal): ND |

SECTION IV-FIRE AND EXPLOSION INFORMATION

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| FLASH POINT (°F) (Method Used): None |
| FLAMMABLE LIMITS: NA |
| EXTINGUISHING MEDIA: Foam. CO2. Dry Chemical. Water Fog. |

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S.C. JOHNSON MAX
1525 Howe Street
Racine, Wisconsin 53403

VIREX 128
Product Number: 13780
Serial Number: 4-5

SECTION IV-FIRE AND EXPLOSION INFORMATION (cont.)

SPECIAL FIRE-FIGHTING PROCEDURES: Normal fire fighting procedures may be used.

HAZARDOUS FIRE AND EXPLOSION HAZARDS: Container may melt and leak in heat of fire.

PRIMARY ROUTE OF EXPOSURE: Eye contact. Skin contact.

SECTION V-HEALTH HAZARD DATA
EFFECTS AND SYMPTOMS: Direct contact of product with eyes can cause severe irritation and damage. Direct contact of product with skin can cause irritation. Product may cause severe distress and serious illness if taken internally.
FIRST AID PROCEDURES: If eye contact occurs, flush eyes with water for 15 minutes, then get prompt medical aid. Wash skin with plenty of water. If irritation persists, seek medical aid. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention.
MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be adversely affected by exposure to any vapor or airborne particulate matter. 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: Do not let spilled or leaking material enter watercourse. May be toxic to aquatic life. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.
WASTE DISPOSAL INFORMATION: For undiluted product: PESTICIDAL WASTE - Observe all applicable Federal/state regulations and local ordinances regarding disposal of pesticide wastes. Waste from normal product use may be sewer disposal to a public-owned treatment works (POTW) in compliance with applicable Federal, State, and local pretreatment requirements.

SECTION VIII-SPECIAL PROTECTION INFORMATION

ENVIRONMENTAL PROTECTION: No special requirements under normal use conditions.

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SECTION VIII-SPECIAL PROTECTION INFORMATION (cont.)

VENTILATION: General room ventilation adequate.

PROTECTIVE CLOTHES: Any Impervious material.

PROTECTIVE EQUIPMENT: Chemical workers splash-proof goggles. Eye protection not required unless contact with undiluted product is possible.

OTHER PROTECTIVE MEASURES: Use good personal hygiene practices. Where gross eye/skin contact may be a problem, wear/use appropriate protective equipment. In case of spills, see Section VII.

SECTION IX-SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING: Hazards to humans and domestic animals. Corrosive: Causes eye damage and severe skin irritation. Do not get in eyes, on skin, or on clothing. To protect eyes wear goggles or face shield and to protect skin, wear rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Harmful if swallowed.
OTHER LABELING AND STORAGE CONDITIONS: Wash thoroughly after handling. Keep from freezing. Keep out of reach of children.

SECTION X-ADDITIONAL INFORMATION

ADDITIONAL INFORMATION: Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed. EPA REG. NO. 47371-130-4822.

SECTION XI-TRANSPORTATION INFORMATION

DOT CLASS: Corrosive Material (Liquid).

DOT #: NA 1760

SHIPPING NAME: Disinfectants, NOI, VNX \$2.00 lb.

DOT WEIGHT: None

AS NOT APPLICABLE, BE NOT ESTABLISHED, N/A, NO SPECIAL REQUIREMENTS, NO NOT DETERMINED
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