

**MATERIAL SAFETY DATA SHEET**

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Date of Issue: February 16, 1997

Product Name: **DISH DETERGENT****NFPA HAZARD IDENTIFICATION SYSTEM**HAZARD RATINGS:

|            |                     |   |
|------------|---------------------|---|
| 0=Least    | <b>HEALTH =</b>     | 0 |
| 1=Slight   | <b>FIRE =</b>       | 0 |
| 2=Moderate | <b>REACTIVITY =</b> | 0 |
| 3=High     | <b>EQUIPMENT =</b>  | 0 |
| 4=Severe   |                     |   |

**SECTION I - PRODUCT DESCRIPTION**

PRODUCT NAME: **DISH DETERGENT**  
GENERAL DESCRIPTION: Detergent Concentrates  
CHEMICAL NATURE: Surfactant  
PRODUCT CODE: 604

**SECTION II - PRODUCT COMPOSITION (OSHA Listed Potentially Hazardous Ingredients)**

Contains no hazardous ingredients

**SECTION III - PHYSICAL PROPERTIES**

BOILING RANGE: N/E  
SPECIFIC GRAVITY: (Water = 1) 1.006  
VAPOR PRESSURE AT 20C: (MM of HG) Equivalent to water  
VAPOR DENSITY: (Air = 1) Equivalent to water  
SOLUBILITY IN WATER: Infinite  
SOLUBILITY IN SOLVENT: Miscible  
EVAPORATION RATE: Equivalent to water  
APPEARANCE: Clear Viscous liquid  
ODOR: Citrus  
PH RANGE: 7.8 ± .5

**SECTION IV - FIRE AND EXPLOSION DATA**

LOWER FLAMMABILITY LIMITS: (% In Air) Not pertinent  
FLASH POINT: (And Method) Not pertinent  
FLAMMABILITY CLASSIFICATION: Not flammable  
UNUSUAL FIRE/EXPLOSION HAZARDS: None known  
RECOMMENDED EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical powder  
SPECIAL FIRE FIGHTING PROCEDURES: None.

**SECTION V - HEALTH INFORMATION**

ACUTE TOXICITY: Non-toxic  
THRESHOLD LIMIT VALUE: No limit known  
EFFECTS OF OVEREXPOSURE: Ingestion: No effect if ingested in small amounts. Relative to other materials a single dose of this product is rarely toxic by ingestion. Numbness of the mouth and/or irritation of the stomach can develop following ingestion. Eye contact: This material may cause eye irritation. Skin contact: Slight redness may develop on hands and forearms if individual has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin. Skin absorption: Systemically toxic concentrations will probably not be absorbed through the skin in humans. Inhalation: None known.  
OTHER EFFECTS OF OVER EXPOSURE: None known.

**EMERGENCY FIRST AID PROCEDURES:**

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. If irritation persists have eyes examined and treated by medical personnel.  
SKIN CONTACT: If irritation occurs remove contaminated clothing and footwear. Wash material off the skin with plenty of soap and water. Wash clothing and footwear before reuse.  
INHALATION: No treatment needed.  
INGESTION: Drink water or milk to dilute. Induce vomiting only if advised by physician or poison control center. Call poison control center.

**SECTION VI - REACTIVITY DATA**

STABILITY: Stable under normal conditions  
CONDITIONS TO AVOID: None known  
INCOMPATIBILITY WITH OTHER MATERIALS: None  
HAZARDOUS DECOMPOSITION MATERIALS: None  
HAZARDOUS POLYMERIZATION: Will not occur

**SECTION VII - FIRE AND SPILL/LEAK PROCEDURES**

IN CASE OF FIRE: No special precautions  
PROCEDURES IF MATERIAL IS SPILLED OR RELEASED: Where possible flush down drain to waste treatment sewer; otherwise on small spills, use chemical absorbent and sweep up.  
For large spills, contain and collect.  
WASTE DISPOSAL PROCEDURES: Dispose of this product or its residues in accordance with all local, state and federal requirements.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: None required for recommended use  
LOCAL EXHAUST: Normal room ventilation  
PROTECTIVE GLOVES AND CLOTHING: None required  
EYE PROTECTION: None required for recommended use. If need is determined use safety glasses or face shield.  
OTHER PROTECTIVE EQUIPMENT: As determined by or recommended by federal state or local regulations.

**SECTION IX - ADDITIONAL PRECAUTIONS**

No additional precautions.

The information herein is presented in good faith and believed to be correct as of the date hereof. However, Restore Products Company makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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