

# MATERIAL SAFETY DATA SHEET: OSHA STANDARD 29 CFR 1910.1200

## CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Date: 11-01-05

Product Identifier: **Double Duty Detergent/Degreaser**

Manufacturers Part # RT390G

General Use: Cleaning Compound

Chemical Family: Water based mixture

Manufacturer

Refrigeration Technologies (www.refrigtech.com)

2572 Fender Ave Bldg "C"

Fullerton, CA 92831

(800) 869-1407, 714-870-8361

Fax: 714-526-4598

24 HR Emergency Phones (800) 255-3924 Chem-Tel, Inc.

International: 813.248.0585

## HAZARDOUS IDENTIFICATION

Hazardous Components CAS# OSHA PEL ACHIH TLV WEIGHT %

This product does not contain any reportable hazardous components.

## HEALTH HAZARD DATA

HMIS: H=0, F=0, R=0, S=0

**Immediate Concerns:** Eye Irritation. Skin Irritation with sensitive persons.

Eyes: Irritant

Skin: Possible Irritant

Ingestion: May cause gastric tract disorder.

Inhalation: Not considered a health hazard under normal conditions of use.

### **Signs and Symptoms of Overexposure:**

Eyes: Burning Sensation

Skin: Irritation possible

Ingestion: Nausea, vomiting, irritation.

Inhalation: Not expected to be a problem.

### **Emergency and First Aid Procedures:**

Eyes: Flush with water for 15 minutes. If irritation persists, call physician

Skin: Wash off with soap and water.

Ingestion: Drink large amounts of water. Call physician

Inhalation: Get person to fresh air. Call physician

## FIRE AND EXPLOSION HAZARD DATA

NFPA Hazard Rating: H=0, F=0, R=0, S=0

Flash Point: None Flammable Limits: Not Tested

LEL: Not Tested UEL: Not Tested

Extinguishing Media: CO2, DRY FOAM

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

## ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container. Dispose of in accordance with federal, state and local regulations.

## HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store in a cool, dry place, out of direct sunlight. Do not freeze or heat above 120 F. Keep container closed.

Other precautions: KEEP OUT OF REACH OF CHILDREN.

## EXPOSURE/CONTROL MEASURES

Respiratory Protection: Open all doors and windows. If there is an exposure and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required

Ventilation: Local Exhaust: If available

Special: None

Mechanical: If available

Other: None

Protective Gloves: Plastic or Rubber, Chemical Resistant

Eye Protection: Glasses, Goggles

Other Protective Clothing or Equipment: None

## **Double Duty, RT390G (Page 2)**

Work Hygienic Practices: Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label that will dictate engineering and control measures.

### **PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point >212F	Specific Gravity: 1.04
Vapor Pressure: Not Tested	Melting Point: Not Tested
Vapor Density: Not Tested	Evaporation Rate: Not Tested
Solubility in Water: Complete	Appearance and Odor: Amber, Sweet

### **STABILITY AND REACTIVITY**

Stability: Stable  
Conditions to Avoid: None  
Incompatible Materials to Avoid: Oxidizers, Chlorine (bleach)  
Hazardous Decomposition or Byproducts: CO, CO2  
Hazardous Polymerization: Will not occur

### **TOXICOLOGICAL INFORMATION**

Possible effects of exposure are:  
Eyes: May cause mild to severe eye irritation  
Skin: Slight irritant to skin in sensitive individuals  
Skin Absorption: None to Slight  
Inhalation: If heated excessive inhalation of vapors can cause nasal and respiratory irritation.  
Ingestion: Can cause gastrointestinal distress/irritation  
Chronic Effects: None known at this time.

### **ECOLOGICAL INFORMATION**

Product is composed of biodegradable ingredients. None of the components are known to have aquatic toxicity.

### **DISPOSAL CONSIDERATIONS**

Always follow Federal, State and Local codes before disposal of any chemicals. Consult with an expert in your area on proper disposal methods. Chemicals should never be allowed to enter sewers, watercourses or low areas without proper authorization. Empty containers should be thoroughly rinsed and offered for recycling.

### **TRANSPORTATION INFORMATION**

DOT: Not Regulated  
Proper Shipping Name: Not Regulated  
IMDG: Not Regulated  
Proper Shipping Name: Not Regulated  
IATA: Not Regulated  
Proper Shipping Name: Not Regulated

### **REGULATORY INFORMATION**

SARA Title III: No reportable ingredients.  
CERCLA: Not subject to any special reporting.  
TSCA: Components are listed on the TSCA Inventory  
EPA RQ Ingredient: None  
California Prop 65: No reportable ingredients  
VOC Content: 0 grams/liter

### **OTHER INFORMATION**

NSF Registration Number 120080, Category C1

Manufacturer Disclaimer: This information relates to the specific materials designated herein and may not be valid for such materials used in combination with any other material. The information contained in this document is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information.

Date Prepared: 11-1-05

By: John Pastorello

Refrigeration Technologies