

# MATERIAL SAFETY DATA SHEET

## SECTION I – IDENTIFICATION OF PRODUCT

**Trade Name: RD-30**

**EMERGENCY TELEPHONE NUMBERS:** 800-900-4044 Poison Control Center (human health)  
800-424-9300 CHEMTREC (transportation & spills)

**PRODUCT HAZARD RATING:** Health = 3, Flammability = 0, Reactivity = 0  
(Rating Legend: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant)

**National Allergy Supply Inc.**  
**1620-D Satellite Blvd.**  
**Duluth, GA 30097**  
**800-522-1448**

Date Prepared: November 11, 2004  
Contact Person: Sondra Cooley

## SECTION II – HAZARDOUS INGREDIENT DATA

**Sodium Hydroxide** (CAS No. 1310-73-2) OSHA PEL: 2mg/m<sup>3</sup> ACGIH TLV: 2mg/m<sup>3</sup> ceiling  
12 -14% in concentrated form (as is).  
1 – 2% when product is diluted 9 parts water to 1 part cleaner.  
Contains no other ingredients known to be hazardous as defined by OSHA 29 CFR 1910.1000 (subpart Z)  
and OSHA CFR 29 1910.0200.

## SECTION III – PHYSICAL DATA

**Boiling Point:** 212° F. **Specific Gravity** (H<sub>2</sub>O=1): 1.14 at 60° F.  
**Vapor Pressure** (mm Hg.): Not known. **Vapor Density** (Air = 1): Not Applicable  
**Solubility in Water:** Complete **Melting Point:** Not applicable  
**Evaporation Rate** (n-Butyl Acetate =1): < 1  
**Appearance and Odor:** Yellow-green liquid with mild odor

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** None **Flammable Limits:** Not Applicable  
**LEL:** Not Applicable **UEL:** Not Applicable  
**Extinguishing Media:** Water, Dry Chemical, CO<sub>2</sub>, or alcohol foam. Fire and heat may drive off water  
leaving a chemical that may burn.  
**Special Fire Fighting Procedures:** When fighting fire in a confined space, wear self-contained breathing  
apparatus. Cool fire exposed containers with water spray to prevent rupture.  
**Unusual Fire and Explosion Hazards:** None known.

## SECTION V – HEALTH HAZARD DATA

**Inhalation:** Concentrate is not volatile so no inhalation should be possible. Avoid breathing spray mist as  
it may cause damage to upper respiratory tract and lung tissue.  
**Skin:** Product can be destructive to tissue and produce burns. Avoid contact with skin.

**Ingestion:** Harmful if swallowed. It can cause severe burns and tissue perforation of mucous membranes of the mouth, throat and stomach.

**Chronic:** Mist or spray of concentrate could result in increased susceptibility to respiratory illness. Concentrate may be corrosive to all body tissue.

**Signs & Symptoms of Exposure:** Irritation, stinging or burning sensation.

**Medical Conditions Generally Aggravated by Exposure:** None known

#### **EMERGENCY AND FIRST AID PROCEDURES**

**Skin:** Remove contaminated clothing. Flush skin thoroughly with water for 15 minutes. If skin becomes dry, apply moisturizing cream or petroleum jelly. If skin is burned, seek immediate medical attention.

**Eyes:** Rinse with water. Remove contacts, if any, and flush with water for 15 minutes. Contact physician if needed.

**Inhalation:** If respiratory discomfort or irritation occurs, move to fresh air. See a physician if discomfort or irritation continues.

**Ingestion:** If concentrate is swallowed, do not induce vomiting. Give large quantities of water. Contact physician at once.

### **SECTION VI – REACTIVITY DATA**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** None

**Incompatibilities:** Store away from oxidizers such as aluminum, zinc and tin.

**Hazardous Decomposition:** None

**Hazardous Polymerization:** Will not polymerize.

### **SECTION VII – SPILL OR LEAK PROCEDURES**

**If material is released or spilled:** Soak up with absorbent material.

**Waste Disposal Method:** Dispose of in accordance with local, state and federal regulations.

### **SECTION VIII – CONTROL MEASURES**

**Respiratory Protection:** If necessary, use MSHA/NIOSH approved air-supplied respirator.

**Ventilation:** Local exhaust is sufficient, if not available, use mechanical exhaust.

**Protective Gloves:** Impervious gloves (such as rubber, neoprene, polyethylene) should be used when handling the product.

**Eye Protection:** Wear goggles in case of splash hazard.

**Protective Clothing:** Wear appropriate clothing to avoid skin contact.

**Other Protective Equipment:** During application of product, rubber sole waterproof shoes or boots should be worn.

### **SECTION IX – SPECIAL PRECAUTIONS**

**Precautions to be taken in handling and storing:** Store product at temperatures above 55° F. Keep containers closed when not in use. Avoid contact with skin and eyes. Do not ingest. Avoid breathing mist. **Do not sit in solution.**

**Other Precautions:** Allow product to warm to room temperature before dilution.

#### **Disclaimer of Liability**

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