



# Material Safety Data Sheet

## IGEPAL RC-620

Date Prepared: 7/28/03

Supersedes Date: 3/24/99

### 1. PRODUCT AND COMPANY DESCRIPTION

RHODIA INC.  
RHODIA NOVECARE  
CN 7500  
8 Cedar Brook Drive  
Cranbury NJ 08512-7500

#### Emergency Phone Numbers:

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CONTACT: CHEMTREC (800-424-9300 within the United States or 703-527-3887 for international collect calls) or Rhodia CAERS (Communication and Emergency Response System) at 800-916-3232.

#### For Product Information:

(800) 973-7873

#### Chemical Name or Synonym:

ETHOXYLATED DODECYLPHENOL

#### Molecular Formula:

$(C_2H_4O)_n \cdot C_{18}H_{30}O$ ,  $n=9.5-11$

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Reg Number	OSHA Hazard	Percentage
ETHOXYLATED DODECYLPHENOL	9014-92-0	Y	> 99.6
WATER	7732-18-5	N	< 0.4

### 3. HAZARDS IDENTIFICATION

#### A. EMERGENCY OVERVIEW:

##### Physical Appearance and Odor:

clear viscous liquid, phenolic odor.

##### Warning Statements:

WARNING!! SEVERE SKIN IRRITANT. EYE IRRITANT.

**B. POTENTIAL HEALTH EFFECTS:****Acute Eye:**

Irritant. Can cause redness, tearing, pain.

**Acute Skin:**

Severe irritant. Can cause redness, inflammation.

**Acute Inhalation:**

Inhalation not likely. Mists may cause upper respiratory tract irritation.

**Acute Ingestion:**

Harmful if ingested. Can cause nausea, diarrhea, abdominal cramps.

**Chronic Effects:**

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

**4. FIRST AID MEASURES****FIRST AID MEASURES FOR ACCIDENTAL:****Eye Exposure:**

Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.

**Skin Exposure:**

In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.

**Inhalation:**

If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

**Ingestion:**

If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

**MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:**

Skin contact may aggravate existing skin disease.

**NOTES TO PHYSICIAN:**

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific antidote available.

**5. FIRE FIGHTING MEASURES****FIRE HAZARD DATA:****Flash Point:**

> 232 C (450 F). Flammability Class: WILL BURN.

**Method Used:**

Pensky-Martens Closed Cup

**Flammability Limits (vol/vol%):**

Lower:  
No Data

Upper:  
No Data

**Extinguishing Media:**

Recommended: dry chemical, carbon dioxide, foam.

**Special Fire Fighting Procedures:**

Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

**Unusual Fire and Explosion Hazards:**

Product will burn under fire conditions.

**Hazardous Decomposition Materials (Under Fire Conditions):**

smoke

oxides of carbon

## 6. ACCIDENTAL RELEASE MEASURES

**Evacuation Procedures and Safety:**

Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.

**Containment of Spill:**

Follow procedure described below under Cleanup and Disposal of Spill.

**Cleanup and Disposal of Spill:**

Absorb with an inert absorbent. Shovel up into an appropriate closed container (see Section 7: Handling and Storage).

**Environmental and Regulatory Reporting:**

Do not flush to drain. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

## 7. HANDLING AND STORAGE

**Minimum/Maximum Storage Temperatures:**

15 to 49 C (59 to 120 F)

**Handling:**

Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes. In cold weather, this product may stratify and freeze. This does not damage the product. If freezing occurs, thaw and remix before using. Low pressure steam or a water bath may be used to melt solidified material. Avoid localized overheating. Vent drums while heating. Mix thoroughly to assure homogeneity.

Ethylene oxide may collect in container head space. Although concentrations are expected to remain below established exposure limits, provide adequate ventilation when accessing or working with open containers and tanks.

**Storage:**

Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from ignition sources, away from incompatible materials (see Section 10. Stability and Reactivity).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Introductory Remarks:**

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.

**Assistance with selection**