**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

- **MSDS Name:** Resyn 101(H)
- **Catalog Numbers:** R03 500, R203 500, R203500, R231 500, R231-500, R231500
- **Synonyms:** None
- **Company Identification:** Fisher Scientific
  1 Regent Lane
  Fairlawn, NJ 07410
- **Emergency Phone Numbers:** 201-996-7100
  For Chembuy, Inc., 800-424-9300
- **For International Chembuy assistance, call 703-527-1887

**SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>% in Total</th>
</tr>
</thead>
</table>
| 69011-20-7 | Benzene, diethylbenzene, polymer with ethylbenzene and ethylmethylethylbenzene, sulphonated | 100.0%

**SECTION 3 - HAZARDS IDENTIFICATION**

- **EMERGENCY OVERVIEW**
  - Appearance: red-brown
  - Caution: May cause respiratory tract irritation. May cause skin irritation. May cause eye irritation. May cause digestive tract irritation.
  - Target Organs: None
  - Potentially Health Effects:
    - Eyes: May cause eye irritation.
    - Skin: May cause skin irritation.
    - Inhalation: Ingestion of large amounts may cause gastrointestinal irritation. Inhalation may cause respiratory tract irritation.
  - Chronic: No information found.

**SECTION 4 - FIRST AID MEASURES**

- **Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- **Skin:** Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
- **Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
- **Inhalation:** Remove from exposure to fresh air immediately, if not breathing, give artificial respiration. Get medical aid if cough or other symptoms appear.

**SECTION 5 - FIRE FIGHTING MEASURES**

- **General Information:** As in any fire, wear self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. In case of fire, wear protective gear. Use water, dry chemical, chemical foam, or alcohol-resistant foam.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

- **General Information:** Use proper personal protective equipment as indicated in Section 8.
  - Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions.

**SECTION 7 - HANDLING AND STORAGE**

- **Handling:** Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with skin and eyes. Avoid inhalation and ingestion.
- **Storage:** Store in a cool, dry place.

**SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

- **Engineering Controls:** Use adequate ventilation to keep airborne concentrations low.

**Exposure Limits**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>NIOSH</th>
<th>OSHA - Final PELs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene, diethylbenzene, polymer with ethylbenzene and ethylmethylethylbenzene, sulphonated</td>
<td>none listed</td>
<td>none listed</td>
<td>none listed</td>
</tr>
</tbody>
</table>

**OSHA Vacated PELs:**
Benzene, diethylbenzene, polymer with ethylbenzene and ethylmethylethylbenzene, sulphonated.
No OSHA Vacated PELs are listed for this chemical.

**Personal Protective Equipment**

- **Eyes:** Wear appropriate protective glasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN 166.
- **Skin:** Wear appropriate gloves to prevent skin exposure.
- **Respiratory Protection:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- **Physical State:** Solid
  - Appearance: red-brown
  - Odor: None reported
  - Vapor Pressure: Not applicable
  - Vapor Density: Not applicable
  - Viscosity: 1 (etherlike)
  - Boiling Point: Not applicable
  - Flash Point: Decompoven
  - Autoignition Temperature: Not applicable
  - Explosive Limits, Lower: Not published
  - Explosive Limits, Upper: Not applicable
  - Decomposition Temperature: Not applicable
  - Stability: Insoluble in water
  - Specific Gravity/Density: 1.2
  - Molecular Formula: 0
  - Molecular Weight: 0

**SECTION 10 - STABILITY AND REACTIVITY**

- **Chemical Stability:** Stable under normal temperatures and pressures.
  - Conditions to Avoid: None reported.
  - Incompatibilities with Other Materials: None reported.
  - Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
  - Hazardous Polymerization: Has not been reported.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

- **RTECS:**
  - CAS# 69011-20-7 unlisted.
  - LD50/LC50: Not available.
Carcinogenicity: Benzene, diethyl-, polymer with ethenylbenzene and ethenylmethylbenzene, sulfonated - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Dispose of in a manner consistent with federal, state, and local regulations. 
RCRA P-Series: None listed.
RCRA U-Series: None listed.

**** SECTION 14 - TRANSPORT INFORMATION ****

US DOT: No information available.
Canadian TDG: No information available.

**** SECTION 15 - REGULATORY INFORMATION ****

US FEDERAL

TSCA
CAS# 69011-20-7 is listed on the TSCA inventory.
Health & Safety Reporting List
None of the chemicals are on the Health & Safety Reporting List.
Chemical Test Rules
None of the chemicals in this product are under a Chemical Test Rule.
Section 12b
None of the chemicals are listed under TSCA Section 12b.
TSCA Significant New Use Rule
None of the chemicals in this material have a SNUR under TSCA.

SARA
Section 302 (RQ)
None of the chemicals in this material have an RQ.
Section 302 (TPQ)
None of the chemicals in this product have a TPQ.
Section 313
No chemicals are reportable under Section 313.

Clean Air Act:
This material does not contain any hazardous air pollutants.
This material does not contain any Class I ozone depletors.
This material does not contain any Class 2 ozone depletors.

Clean Water Act:
None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:
None of the chemicals in this product are considered highly hazardous by OSHA.

STATE
Benzene, diethyl-, polymer with ethenylbenzene and ethenylmethylbenzene, sulfonated is not present on state lists from CA, PA, MN, MA, FL, or NJ.
California No Significant Risk Level:
None of the chemicals in this product are listed.

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: Not available.
Safety Phrases: Not available.

WOK (Water Danger/Protection)
CAS# 69011-20-7: No information available.
United Kingdom Occupational Exposure Limits

Canada
CAS# 69011-20-7 is listed on Canada’s DSL/NDSL List.
This product has a MMHS classification of Not controlled.
CAS# 69011-20-7 is not listed on Canada’s Ingredient Disclosure List.
Exposure Limits

**** SECTION 16 - ADDITIONAL INFORMATION ****

MDES Creation Date: 9/2/1997 Revision #1 Date: 4/30/2000

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for a particular purpose. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, however arising, even if the company has been advised of the possibility of such damages.