State of California   DIVISION OF OCCUPATIONAL SAFETY AND HEALTH

MATERIAL SAFETY DATA SHEET
Rainbow Lifegard
Trade Name: Silicon O-Ring Lubricant

(This voluntary form is provided by CAL/OSHA to assist MSDS preparers and users. Any format may be used as long as it contains all the required information).

******************************* I. PRODUCT IDENTIFICATION *******************************

Trade Name: **Rainbow Lifegard Silicon O-Ring Lubricant**
Distributor's Identification
Name: Pentair Pool Products
Address: 12202 East Garvey Avenue
        El Monte, Ca 91732
Date prepared: 04/13/2001
Business Phone: 1 (626) 443-6114
Name of Preparer: John M. Lobato, Jr., B.S.

Manufacturer's Name: Crompton Corporation
Address: One American Lane, Greenwich, CT 06831-2559, USA
Emergency Telephone Number: Chemtrec (24 Hours) 800-424-9300

******************************* II. INGREDIENTS *****************************

<table>
<thead>
<tr>
<th>Chemical Names</th>
<th>CAS Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polydimethylsiloxane</td>
<td>63148-62-9</td>
<td>100%</td>
</tr>
</tbody>
</table>

******************************* III. PHYSICAL PROPERTIES *****************************

Appearance: Clear to colorless viscous fluid
Odor: Mild to moderate
Boiling point: >200 degrees C at STP
Melting point: <-25 degrees C at STP
Specific gravity (H2O=1): 0.9700 at 25 degrees C
Vapor pressure: 1.33 mm Hg at 20 degrees C
Vapor density: (air=1): Heavier than air
Solubility in water: Insoluble, will not dissolve.
Evaporation rate (Butyl Acetate=1): < 1
Molecular weight: Polymer
pH: Not available

******************************* IV. FIRE AND EXPLOSION *****************************

Pentair Pool Products     Page 1 of 3     Final Polish
Flash Point: >204 degrees C (>400 degrees F) Pensky-Martens closed cup ASTM D 93
Flammable Limits in Air: N/A
Lower Explosion Limits: N/A
Upper Explosion Limits: N/A

Special fire fighting procedures: Do not direct a solid stream of water or foam into hot, burning pools: this may cause “frothing” and increase fire intensity.

Special Fire fighting protective equipment: self contained breathing apparatus when fighting fires in enclosed areas.
Extinguisher Media: Large fires: alcohol-type foam or universal-type foams.
Small fires: Carbon Dioxide (CO2) or dry chemical

Unusual fire and explosion hazards: This material may produce a floating fire hazard.
Other precautions: Traces of formaldehyde may be produced when heated above 150 degrees C.

***************************************************************************

V. REACTIVITY DATA

Stability: stable under normal storage conditions.
Conditions to avoid: None known.
Incompatible materials: None currently known.

Hazardous combustion products: Burning can produce the following combustion products:
Oxides of Carbon
Oxides of Silicon
Formaldehyde
Carbon Monoxide: highly toxic if inhaled
Carbon dioxide: may act as an asphyxiant.

Acute overexposure to the products of combustion may result in irritation of the respiratory tract
Hazardous polymerization: will not occur.

***************************************************************************

VI. HEALTH HAZARD INFORMATION

Signs & symptoms of exposure:
Eye & Skin; Primary irritation
Chronic - No known effects.

Medical conditions prone to aggravate by exposure: none recognized
Primary route(s) of entry: Swallowing, skin contact

Emergency First Aid Procedures: Eye Contact: Flush with water for at least 15 minutes.
Skin Contact: Wash with soap and water.
If swallowed call physician- consult a physician.
Suspected Cancer Agent?
No:

This product's ingredients are not found in the lists below:
____ Federal OSHA ____ NTP ____ IARC ____ CAL/OSHA

Ventilation: General Mechanical room ventilation is expected to be satisfactory.

***************************************************************************

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Pentair Pool Products
Page 2 of 3
Final Polish
Store in a cool, dark and dry place.

Steps to be taken in case material is released or spill: clean spill with absorbent dispose according to regulations.

Waste disposal method: Incinerate or dispose of in accordance with State, Local and Federal Regulations

************************** VIII. SPECIAL HANDLING INFORMATION **************************

Special Protection Equipment: Eye protection recommended.

Ventilation: dilution ventilation is generally adequate.

Respiratory protection: not usually required with normal use.

Eye protection: safety glasses or goggles are recommended.

Hand protection: Gloves either 4H, neoprene, nitrile, or pvc-coated

Work and hygiene practices: avoid all skin contact, rubber gloves recommended

Other handling and storage requirements: keep away from heat and freezing temperatures and light sources and store in sealed labeled containers.

CHEMICAL INVENTORY

Canada: Listed on DSL
Europe: Listed on EINECS inventory
United States: TSCA inventory or are exempt
Australia: Listed Australian Inventory of chemical substances (AICS)
Japan: listed or exempt on ENCS list
Korea: listed Existing Chemical List (ECL)
Philippines: listed or exempt on Philippines Inventory of Chemicals and Chemical Substances (PICCS)

Hazardous Material Identification System (HMIS)

**Solution Final Polish**: Health=0  Flammability=1  Reactivity=0  Personal Protection=X

HMIS Ratings:

0 = Minimal Hazard  
1 = Slight Hazard  
2 = Moderate Hazard  
3 = Serious Hazard  
4 = Severe Hazard

Personal Protection X = Safety glasses or goggles, gloves, other specific protection determined by of use.

Disclaimer of Express and Implied Warranties:
The foregoing data has been compiled from sources that the company, in good faith, believes to be dependable and accurate while being reliable to our best knowledge and belief. Unfortunately, the company cannot, and will not, make warranties or responsibilities regarding the accuracy or completeness of the data, and assumes no liability for damages relating thereto or for advising the reader regarding the protection of employees or others. Users should consider making their own responsible tests to determine the application of this data regarding its suitable specific use.