

Pentair Pool Products
P. O. Box 4127
El Monte, CA 91732

State of California DIVISION OF OCCUPATIONAL SAFETY AND HEALTH

MATERIAL SAFETY DATA SHEET

Rainbow Lifeguard

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 Lifeguard 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 *****

Chemical Names:	CAS Number	Percent
Polydimethylsiloxane	63148-62-9	100%

***** 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 *****

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 *****

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.