

**MATERIAL SAFETY DATA SHEET****Finished Product**

**Date-Issued:** 01/20/2003  
**MSDS Ref. No:** RX2200-14  
**Date-Revised:** 01/20/2003  
**Revision No:** New MSDS

**ECG Silicon Lube****1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** ECG Silicon Lube  
**PRODUCT DESCRIPTION:** Silicone Lube  
**PRODUCT CODE:** RX2200-14

**MANUFACTURER**

NTE Electronics, Inc.  
 44 Farrand St.  
 Bloomfield, NJ 07003

**Phone: 973-748-5089**

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (U.S.):** (800) 424-9300  
**CANUTEC:** (613) 996-6666  
**Emergency Phone:** 1-888-748-1777 8:00 am - 5:00 pm CST

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS#</u>
Distillates, petroleum, hydrotreated light	80 - 85	64742-47-8	265-149-8
Carbon dioxide	1 - 4	124-38-9	
Hexane	5 - 15	110-54-3	203-777-6
Siloxanes and Silicones, di-Me	2 - 8	63148-62-9	xxx-xxx-x

**EEC LABEL SYMBOL AND CLASSIFICATION**

EEC Harmful - "Xn"

**3. HAZARDS IDENTIFICATION**

## EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Transparent, colorless liquid.

## POTENTIAL HEALTH EFFECTS

**EYES:** Liquid contact can cause irritation, which may be severe.

**SKIN:** Prolonged or repeated contact may cause skin irritation.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.

## SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Contact may cause eye irritation.

**SKIN:** May cause slight irritation.

**INGESTION:** Not a likely route of exposure.

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## 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Ingestion is unlikely because of the physical properties and is not expected to be hazardous. Do not induce vomiting unless instructed to do so by a physician.

**INHALATION:** Remove to fresh air.

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## 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** 16°C (60°F)CC

**FLAMMABLE LIMITS:** 0.7% to 3.1%

**GENERAL HAZARD:** Combustible Liquid. Can form explosive mixtures at temperatures at or above the flash point.

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, fumes and oxides of carbon.

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## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

**LARGE SPILL:** -Implement cleanup procedures.

-If in public area, keep public away and advise authorities.

-Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

**RELEASE NOTES:** Spills and releases may have to be reported to Federal and/or local authorities.

**SPECIAL PROTECTIVE EQUIPMENT:** Only personnel equipped with proper respiratory and skin/eye protection should be permitted in area. See Section 8 for details.

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Keep container closed when not in use.

**HANDLING:** Avoid prolonged or repeated contact with skin.

**STORAGE:** Keep away from sources of ignition.

**STORAGE TEMPERATURE:** (120°F) maximum

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES:****OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)**

		<b>EXPOSURE LIMITS</b>					
		<b>OSHA PEL</b>		<b>ACGIH TLV</b>		<b>Supplier OEL</b>	
		<b>ppm</b>	<b>mg/m<sup>3</sup></b>	<b>ppm</b>	<b>mg/m<sup>3</sup></b>	<b>ppm</b>	<b>mg/m<sup>3</sup></b>
Distillates, petroleum, hydrotreated light	<b>TWA</b>	NL <sup>[1]</sup>	NL	NL	NL	NL	NL
	<b>STEL</b>	NL	NL	NL	NL	NL	NL
Hexane	<b>TWA</b>	50 <sup>[2]</sup>	180	50	176	NL	NL
	<b>STEL</b>	NL	NL	NL	NL	NL	NL

**OSHA TABLE COMMENTS:**

1. NL
2. NL = Not Listed

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**SKIN:** The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection.

Buna  
Butyl  
Natural Latex  
Neoprene

Solvex  
Viton

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Low odor.

**COLOR:** Colorless

**pH:** Not Applicable

**PERCENT VOLATILE:** 100

**BOILING POINT:** 149°C (300°F)

**SPECIFIC GRAVITY:** 0.77 to 0.79 @ 25°C

**VISCOSITY:** Not Determined

**(VOC):** 730 g/L (non-exempt VOC)

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## 10. STABILITY AND REACTIVITY

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**STABILITY:** Stable under normal conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide and carbon Monoxide may form when heated to decomposition.

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## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** May be mildly irritating to eyes.

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** There is limited information available on the environmental fate and effects of this material. The primary environmental concern for release is the impact on aquatic and terrestrial species. Due care should be taken to avoid the accidental release of this material into the environment.

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Federal, State, and Local laws governing disposal of materials can differ. Ensure compliance with proper authorities before disposal.

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## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** CONSUMER COMMODITY ORM-D

**TECHNICAL NAME:** Mixed Aliphatic Hydrocarbons

**PRIMARY HAZARD CLASS/DIVISION:** No classification

**AIR (ICAO/IATA)**

**PROPER SHIPPING NAME:** CONSUMER COMMODITY ID8000

**PRIMARY HAZARD CLASS/DIVISION:** 9

**UN/NA NUMBER:** ID8000

**PACKING GROUP:** NA

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** AEROSOLS IN LIMITED QUANTITIES OF CLASS 2

**PRIMARY HAZARD CLASS/DIVISION:** 2.2

**UN/NA NUMBER:** 1950

**PACKING GROUP:** NA

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**15. REGULATORY INFORMATION**

**UNITED STATES**

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA STATUS:** All components of this product are either listed or exempt from listing in the TSCA inventory.

**CANADA**

**DOMESTIC SUBSTANCE LIST (INVENTORY):** All components of this product are listed on the Canadian DSL.

**EUROPEAN COMMUNITY**

**EEC LABEL SYMBOL AND CLASSIFICATION**



EEC Harmful - "Xn"

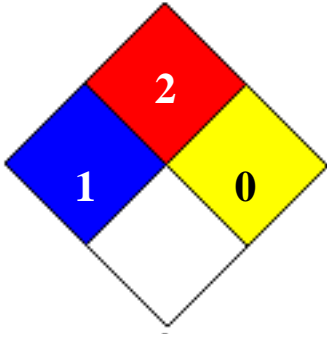
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**16. OTHER INFORMATION**

**APPROVED BY:** Pierce A. Pillon    **TITLE:** Chemist

**REVISION SUMMARY** New MSDS

**NFPA CODES**



**DATA SOURCES:** Code of Federal Regulations (CFR)  
The Sigma-Aldrich Library of Regulatory and Safety Data  
OSHA Hazard Communication Standard (29CFR1910.1200)  
Various Federal, State and Local Regulations

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