

Dentronix DSY-20 Silicone Lubricant

Issue Date: October 2014

Internal Document Number: 48210C


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Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier**Product Name:** Dentronix DSY-20 Silicone Lubricant**Product Code(s):** DSY-20**Relevant identified uses of the mixture and uses advised against:** for lubricating instruments that are dry heat sterilized. No known uses advised against.**Synonyms:** Silicone Grease**Manufactured for:**

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Emergency Contact Number:

USA & Canada: 1 800 535 5053

Copies of this SDS can be found at www.dentronix.com

Section 2: HAZARDS IDENTIFICATION

Classifications: Not hazardous when used as intended.**Appearance:** Translucent, White Grease**Contains:** Contents are non-hazardous.**Route(s) of Exposure:** Dermal (Skin/Eye), Ingestion, Inhalation**Other hazards which do not result in classification:** Direct eye contact may cause temporary redness and discomfort.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

| Substance (Synonyms) | CAS | EC Number | Index Number | Percent (w/w) |
|---|-----|-----------|--------------|---------------|
| This is not a hazardous material as defined in the OSHA Hazard Communication Standard | | | | |

Section 4: FIRST AID MEASURES

Inhalation: If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice**Eyes:** If irritation occurs, flush eye(s) with lukewarm gently flowing water for 5 minutes. Obtain medical attention**Skin:** No health effects expected. If irritation does occur flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice**Ingestion:** If irritation or discomfort occur, obtain medical advice

Section 5: FIRE FIGHTING MEASURES

Flash Point: > 214 °F / > 101.1 °C**Extinguishing Media:** On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.**Specific Hazards Arising from the Chemical:** none known**Protective Equipment and Precautions for Firefighters:** Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

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Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: See Section 8 for Personal Protective Equipment.

Methods for Containment and Clean-up: Observe all personal protection equipment recommendations described in Sections 5 and 8. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.

Other Information: None

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Use with adequate ventilation. Avoid eye contact.

Conditions for Safe Storage, Including Incompatibilities: Use reasonable care and store away from oxidizing materials. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits: None.

Appropriate Engineering Controls: General ventilation is recommended.

Personal Protective Equipment (Eyes and Face): Use proper protection - safety glasses as a minimum.

Personal Protective Equipment (Skin): Washing at mealtime and end of shift is adequate.

Personal Protective Equipment (Respiratory): No respiratory protection should be needed.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: translucent, white grease

Odor: odorless

Odor Threshold: no data

pH: no data

Melting Point: no data

Specific Gravity: 1.1

Octanol / H₂O Coefficient (log K_{ow}): no data

Molecular Weight: no data

Auto Ignition: no data

Flash Point: > 214 °F / > 101.1 °C

Vapor Density: no data

Viscosity: no data

VOC: no data

Boiling Point: no data

Solubility (H₂O): no data

Density: no data

Evaporation Rate: no data

Decomposition Temp: no data

LFL: no data

UFL: no data

Vapor Pressure: (25°C) no data

Flammability Class: no data

Section 10: STABILITY AND REACTIVITY

Chemical Stability: Stable.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: None.

Incompatibility: Oxidizing material can cause a reaction.

Hazardous Decomposition Products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

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Section 11: TOXICOLOGICAL INFORMATION**Likely Routes of Exposure:** Dermal (Skin/Eye), Oral, Inhalation Not Likely**Acute Effects:** Direct eye contact may cause temporary redness and discomfort. No significant dermal irritation expected from a single short-term exposure. No significant inhalation effects expected from a single short-term exposure. Low ingestion hazard in normal use.**Sensitization:** Not a sensitizer.**Carcinogenicity:** This product does not contain any substances classified as carcinogens by NTP, ACGIH, IARC or OSHA.**Mutagenicity:** Not a mutagen.**Reproductive Toxicity:** Not toxic for reproduction.**Specific Target Organ Toxicity - Single Exposure (STOT-SE):** No data available.**Specific Target Organ Toxicity - Repeated or Prolonged Exposure (STOT-RE):** No data available.**Section 12: ECOLOGICAL INFORMATION****Ecotoxicity:** No data available.**Persistence / Degradability:** No data available.**Aquatic Toxicity:** No data available.**Bioaccumulative Potential:** No data available.**Mobility in Soil:** No data available.**Other Adverse Effects:** No data available.**Section 13: DISPOSAL CONSIDERATIONS****Disposal:** This product, as received, is not considered a RCRA hazardous waste as identified in Fed. Reg. 40 CFR 261.**Additional Disposal Considerations:** Disposal should be in accordance with applicable regional, national and local laws and regulations.**Section 14: TRANSPORT INFORMATION****Department of Transportation:** Not hazardous for transportation.**Section 15: REGULATORY INFORMATION****SARA Sections 302 and 304:** This product does not contain Extremely Hazardous Substances (EHS) and is not subject to emergency planning requirements.**CERCLA:** This product does not contain CERCLA Hazardous Substances and is not subject to reporting requirements.**SARA Section 313:** Substances within this product are not required to be reported in accordance with SARA 313 or the substances within are exempt by rules for "de minimis concentrations of a toxic chemical in a mixture" §372.38(a).**The following components appear on one or more of the following state hazardous substances list(s):**

| Component | CAS | CA | MA | MN | NJ | PA | RI |
|----------------------------|--------------|----|----|----|----|----|----|
| Polydimethylsiloxane | 63148-62-9 | N | N | Y | Y | Y | Y |
| Silicon dioxide | 7631-86-9 | N | N | Y | Y | Y | Y |
| Silicone Metalloid Complex | Trade Secret | N | N | Y | Y | Y | Y |

California Proposition 65: There are no chemicals within this mixture on the Proposition 65 List.**Canadian Regulations require the inclusion of the following statements under "Regulatory Information":** This product has been classified in accordance with the hazard of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.**International Inventories:****US (TSCA):** The components within this product are included on the TSCA Inventory of Chemical Substances

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Section 16: OTHER INFORMATION

National Fire Protection Association (NFPA)

NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0

(NFPA and HMIS Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe)

REVISION HISTORY

| REVISION | DATE | ECN# | CHG BY | APPR BY | DESC. OF CHANGE |
|----------|----------|-------|--------|---------|---|
| A | 09/30/14 | 14410 | SBL | SBL | Updated MSDS to GHS/SDS Format. 48210 Revision A supersedes 48063 Revision D. |
| B | 10/20/14 | 14456 | SBL | SBL | Modified color scheme. |
| C | 10/28/14 | 14488 | SBL | PS | Added ECRep |

The information and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof. Dentronix Inc.; however, makes no representations as to the completeness of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability of their purposes prior to use. In no event will Dentronix Inc. be responsible for damages of any nature whatsoever resulting from use of or reliance upon information.