



MicroCare Corporation, 595 John Downey Drive, New Britain, Connecticut 06051 USA
(860) 827-0626 (Customer Service); email: techsupport@microcare.com

DC2 LubriClean VOC Exempt Solvent/No-Clean Lubricant
#MCC-DC2 (aerosol); #MCC-DC2G (Gallon);
#MCC-DC2P (5 Gal.); #MCC-DC2D (55 Gal.)

MATERIAL SAFETY DATA SHEET

Preparation date: 01/16/08
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1. Chemical Product and Company Identification

Product Name: DC2 LubriClean VOC Exempt Solvent/ No-Clean Lubricant. Ref; CARB Rules, Subchapter 8.5 Consumer Products, Article 2, 94508.(a)(144) and SCAQMD Rule 102., Exempt Compounds (B) Group II: "cyclic, branched, or linear, completely methylated siloxanes (VMS)". #MCC-DC2, #MCC-DC2G, #MCC-DC2P, #MCC-DC2D.

Chemical Family: A Volatile Methyl Siloxane (VMS) solvent

Packaged By: MicroCare Corp., 595 John Downey Dr., New Britain, CT, 06051 USA CAGE/FSCM: OATV9

Emergency Telephone: CHEMTREC (800) 424-9300

2. Composition/Information on Ingredients

Active Ingredients:

Chemical Name	Wt.%Range	TLV Units
Octamethyltrisiloxane CAS # 107-51-7	80.0-100.0	See Section 8
Tetrafluoroethane (in aerosol only) CAS #811-97-2	20.0	See Section 8

All components of this material are listed on the TSCA inventory.

3. Hazard Identification

Emergency Overview: Flammable. Fire burns more vigorously than would be expected. Colorless liquid with a slight ethereal odor. Liquid will irritate eyes and skin under repeated or prolonged exposure. Product vapors can be moved by air currents and ignited by pilot lights, other flames, sparks, heaters, electrical equipment, static discharges or other ignition sources distant from product handling point. Keep away from children.

Potential Health Effects:

Eyes: Direct contact may cause temporary redness and discomfort. Persons wearing contact lenses should wear chemical protective safety glasses when exposed to this product.

Skin: No significant irritation expected from a single short-term exposure. Repeated prolonged contact (24-48 hours) may cause defatting of the skin leading to dermatitis.

Ingestion: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause drowsiness

Inhalation: No significant effects expected from single short-term exposure. Vapor overexposure may cause drowsiness.

Medical Conditions Aggravated by Exposure: No known applicable information.

4. First Aid Measures

Eyes: Immediately flush with water. Remove any contact lenses and continue flushing for 15 minutes, lifting eyelids occasionally until no evidence of the chemical remains. If irritation develops or persists call a physician.

Skin: Wash promptly with soap and water for 15 minutes. Remove and wash contaminated clothing and shoes before reuse.

Ingestion: Call a physician.

Inhalation: Remove to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Note to Attending Physician: There is no specific antidote to overexposure. Treatment of overexposure should be directed at the control of

symptoms and the clinical condition of the patient. Immediate medical attention for acute overexposure is required.

5. Firefighting Measures

Flash Point: 93.9° F / 34.4° C, Pinsky-Martens Closed Cup

Autoignition Temperature: 662° F / 350° C

Flammable Limits in Air: LEL/UEL: 0.9-13.8 (% by volume)

Extinguishing Media: Use dry chemical, "alcohol" foam, CO₂; water may be ineffective, but water should be used to keep fire exposed containers cool. If a spill or leak has not ignited, use water spray to disperse vapors and protect persons attempting to stop leak.

Special Firefighting Procedures: Evacuate personnel. Wear self contained breathing apparatus (SCBA) and full protective equipment. Keep containers cool. Static electricity will accumulate in fluid and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge.

6. Accidental Release Measures

Spill or Leak: Evacuate area, absorb spilled liquid with commercial, nonflammable absorbent i.e. sand, vermiculite. Remove unprotected personnel. Protected personnel should remove ignition sources and shut off fire sources. Provide ventilation. Shovel (spark proof) absorbent material into drums and close. Do not flush to sewer.

7. Handling and Storage

Avoid breathing vapors or mist. Keep containers closed. Use only with adequate ventilation. Avoid repeated or prolonged contact with eyes, skin or clothing. Wash thoroughly after handling. Do not store in direct sunlight. Store in cool dry place, away from heat, sparks or flames which may generate toxic decomposition products. Vapors are heavy and may concentrate in low poorly ventilated areas. Solvent is dielectric in nature, use static dissipative fabrics/wipes when wiping surfaces with this solvent.

8. Exposure Controls/Personal Protection

Respiratory Protection: Use only with adequate ventilation. Keep container tightly closed. Use approved NIOSH self-contained or supplied air respirators for emergencies and in situations where air may be displaced by vapors.

Eye Protection: Use chemical protective safety glasses.

Protective Clothing: Where there is potential for skin contact, use appropriate impervious gloves, apron, pants and jacket.

Exposure Guidelines: Applicable Exposure Limits.

Octamethyltrisiloxane:

PEL (OSHA) None established

TLV (ACGIH) None established

PEL (Dow Corning) 200 ppm TWA

Tetrafluoroethane:

AEL (OSHA) 1000 ppm TWA, 1,000 ppm STEL

TLV (ACGIH) 1000 ppm TWA

NFPA, NPCA-HIMIS RATING:

Health	1
Flammability	3
Reactivity	0

Personal Protection rating to be supplied by user depending on use conditions.

9. Physical and Chemical Properties

Physical Form:	Clear, colorless liquid
Odor:	Slight ethereal
Boiling Point:	152.6° C
pH:	Not determined
Solubility in Water:	Not determined
Specific Gravity:	.816 @ 25° C / 77° F
% Volatile by Weight:	100
Vapor Pressure:	0.454 kPa
Vapor Density (air=1):	1.04
Viscosity:	1.0 cSt

10. Reactivity

Chemical Stability: Material is stable.

Hazardous Polymerization: Will not occur.

Incompatibilities: Avoid oxidizing materials which can cause a reaction.

Decomposition Products: Burning may produce carbon oxides, and traces of incompletely burned compounds. Also silicon dioxide, and possibly formaldehyde.

11. Toxicological Information

Carcinogenicity: None of the components present in this product are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

12. Ecological Information

Aquatic Toxicity: Avoid runoff into storm drains and streams which lead to waterways. Water runoff can cause environmental damage.

13. Disposal Considerations

Waste Disposal: Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

14. Transportation Information

Transport for DC2 - Aerosol Packaging:

Ground Transport: Consumer Commodity ORM-D

Air Transport: Aerosols Flammable NOS, UN1950, Class 2.1, Pkg. Group N/A, Pkg.Instr.203 Hazard Label: Flammable Gas

Transport for DC2 - Non Aerosol Packaging:

Ground Transport: Flammable Liquid, N.O.S.(Octamethyltrisiloxane), 3, UN1993, PGII Hazard Label: Flammable Liquid.

Air Transport: Contact MicroCare

15. Regulatory Information

Section 313 Supplier Information: This material contains the following toxic chemicals subject to the emergency reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40 CFR 372:

<u>CAS#</u>	<u>Chemical Name</u>	<u>% by Weight</u>
	None	

This information must be included in all MSDSs that are copied and distributed for this material.

California VOC Information: This product contains zero grams/liter VOC content. Ingredients are not regulated as a VOC. See Section 1 of this MSDS for details.

Title III Hazard Communications Sections 311, 312

Acute	Yes
Chronic	No
Fire	Yes
Reactivity	No
Pressure	No

16. Other Information

For additional information, contact Tech Support at Micro Care: Telephone (860) 827-0626 or email: techsupport@microcare.com