Safety Data Sheet



Revision Number: 005.0 Issue date: 12/04/2018

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE LB C-200 LUBRICANT known IDH number:

as C-200 Solid Film Lubricant

Product type: Lubricant Restriction of Use: None identified

Company address:

Henkel Corporation One Henkel Way

Rocky Hill, Connecticut 06067

IDH number: 233496

Item number:39893Region:United States

Contact information:

Telephone: +1 (860) 571-5100

MEDICAL EMERGENCY Phone: Poison Control Center

1-877-671-4608 (toll free) or 1-303-592-1711 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887

Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: CAUSES SKIN IRRITATION.

CAUSES SERIOUS EYE IRRITATION.

MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR

REPEATED EXPOSURE.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	2

PICTOGRAM(S)



Precautionary Statements

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Prevention: Do not breathe dust or fumes. Wash affected area thoroughly after handling. Wear protective

gloves, eye protection, and face protection.

Response: IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several

minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if you feel unwell. If skin irritation occurs: Get medical attention. If eye irritation

persists: Get medical attention. Take off contaminated clothing.

Storage: Not prescribed

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local

governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	30 - 60
Molybdenum disulphide	1317-33-5	10 - 30
Lead monoxide	1317-36-8	10 - 30
Graphite	7782-42-5	10 - 30
Residual oil, solvent-dewaxed, <3% DMSO	64742-62-7	5 - 10
Xylenes	1330-20-7	1 - 5
Ethylbenzene	100-41-4	1 - 5
Petroleum distillates, hydrotreated, light naphthenic	64742-53-6	0.1 - 1

^{*} Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If symptoms develop and persist, get medical attention.

Skin contact: Remove contaminated clothing and footwear. Immediately flush skin with

plenty of water (using soap, if available). If symptoms develop and persist, get

medical attention. Wash clothing before reuse.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get

medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious

person. Get medical attention.

Symptoms: See Section 11.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as

turn-out gear.

Unusual fire or explosion hazards: In case of fire, keep containers cool with water spray.

Hazardous combustion products: Oxides of carbon. Oxides of Metals in Section 3. Toxic and irritating vapors.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods: Scrape up as much material as possible. Store in a partly filled, closed

container until disposal. Refer to Section 8 "Exposure Controls / Personal

Protection" prior to clean up.

HANDLING AND STORAGE

Handling: Use only with adequate ventilation. Prevent contact with eyes, skin and

clothing. Do not breathe vapor and mist. Wash thoroughly after handling.

Storage: Keep in a cool, well ventilated area away from heat, sparks and open flame.

Keep container tightly closed until ready for use.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m3 TWA Inhalable fraction.	500 ppm (2,000 mg/m3) PEL None 5 mg/m3 PEL Mist.		None
Molybdenum disulphide	10 mg/m3 TWA (as Mo) Inhalable fraction. 3 mg/m3 TWA (as Mo) Respirable fraction.	15 mg/m3 PEL (as Mo) Total dust.	None	None
Lead monoxide	0.05 mg/m3 TWA (as Pb)	0.05 mg/m3 TWA 0.03 mg/m3 OSHA_ACT	None	None
Graphite	2 mg/m3 TWA Respirable fraction.	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 15 MPPCF TWA	None	None
Residual oil, solvent-dewaxed, <3% DMSO	5 mg/m3 TWA mist Exposure by all routes should be carefully controlled to levels as low as possible. 10 mg/m3 STEL mist 5 mg/m3 TWA Inhalable fraction. Included in the regulation but with no data values. See regulation for further details	5 mg/m3 TWA mist	None	None
Xylenes	100 ppm TWA 150 ppm STEL	100 ppm (435 mg/m3) PEL	None	None
Ethylbenzene	20 ppm TWA	100 ppm (435 mg/m3) PEL	None	None
Petroleum distillates, hydrotreated, light naphthenic	5 mg/m3 TWA Inhalable fraction.	500 ppm (2,000 mg/m3) PEL 5 mg/m3 PEL Mist.	None	None

Engineering controls: Provide adequate local exhaust ventilation to maintain worker exposure below

exposure limits.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure

limit(s).

Eye/face protection: Safety goggles or safety glasses with side shields. Safety showers and eye

wash stations should be available.

Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin

contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid Color: Black Odor: Oily, Slight Odor threshold: Not available.

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pH: Not available. . Vapor pressure: Not available. Boiling point/range: Not available.

Melting point/ range: >= 150 °F (>= 65.6 °C) LCT STM 22; Melting Point/Mixed Melting Point

Specific gravity: 1.4406

Vapor density: Heavier than air. Flash point:

Not classified as a flammable solid per DOT Classification Guidelines Part 173

Appendix H 7/10/2002.

Flammable/Explosive limits - lower: Not available. Flammable/Explosive limits - upper: Not available. Autoignition temperature: Not determined Flammability: Not applicable

Evaporation rate: Slower than butyl acetate.

Solubility in water: Slight

Partition coefficient (n-octanol/water): Not available.

VOC content: 6 %; 87 g/l (calculated)

Viscosity: Not available. **Decomposition temperature:** Not available.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: None under normal processing.

Hazardous decomposition

products:

Oxides of carbon. Oxides of Metals in Section 3. Irritating organic vapours.

Incompatible materials: Oxidizing agents. Strong acids and strong bases.

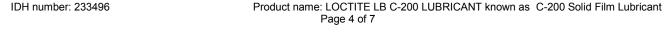
Reactivity: Not available.

Conditions to avoid: Prolonged exposure to heat. Keep away from heat, ignition sources and incompatible

materials.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion









Potential Health Effects/Symptoms

Inhalation: Fumes may be irritating to the respiratory tract. May cause central nervous system effects with

nausea, dizziness and headache. Lead is a cumulative poison and continuous exposure to

small amounts over time can raise the body's content to toxic levels.

Skin contact: Causes skin irritation.

Eye contact: Causes serious eye irritation.

Ingestion: Not expected under normal conditions of use. Lead is a cumulative poison and continuous

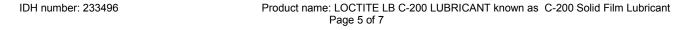
exposure to small amounts over time can raise the body's content to toxic levels.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects	
Distillates (petroleum), hydrotreated heavy naphthenic	None	Irritant	
Molybdenum disulphide	None	No Target Organs	
Lead monoxide	None	Behavioral, Blood, Cardiac, Developmental, Eyes, Gastrointestinal, Irritant, Kidney, Liver, Muscle, Nervous System, Reproductive, Teeth, Thyroid, Vascular	
Graphite	None	Lung	
Residual oil, solvent-dewaxed, <3% DMSO	None	Irritant	
Xylenes	Oral LD50 (Rat) = 6,670 mg/kg Oral LD50 (Rat) = 3,523 - 8,600 mg/kg Oral LD50 (Rat) = 4,300 mg/kg Dermal LD50 (Rabbit) = > 43 g/kg	Cardiac, Central nervous system, Irritant, Kidney, Liver	
Ethylbenzene	Oral LD50 (Rat) = 5.46 g/kg Oral LD50 (Rat) = 3,500 mg/kg Dermal LD50 (Rabbit) = 17,800 mg/kg	Irritant, Central nervous system	
Petroleum distillates, hydrotreated, light naphthenic	None	Irritant	

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Distillates (petroleum), hydrotreated heavy naphthenic	No	No	No
Molybdenum disulphide	No	No	No
Lead monoxide	Reasonably Anticipated to be a Human Carcinogen.	Group 2A	No
Graphite	No	No	No
Residual oil, solvent-dewaxed, <3% DMSO	No	No	No
Xylenes	No	No	No
Ethylbenzene	No	Group 2B	No
Petroleum distillates, hydrotreated, light naphthenic	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information: Not available.







13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: D008: Lead This product may contain traces of: D018: Benzene (Check TCLP

Level).

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: RQ, Environmentally hazardous substance, solid, n.o.s.

Hazard class or division: 9
Identification number: UN 3077

Packing group: III
DOT Hazardous Substance(s): Xylene (mixed)

International Air Transportation (ICAO/IATA)

Proper shipping name: RQ, Environmentally hazardous substance, solid, n.o.s. (Lead monoxide)

Hazard class or division: 9
Identification number: UN 3077
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lead

monoxide)

Hazard class or division: 9
Identification number: UN 3077
Packing group: III

Marine pollutant: Lead monoxide

Additional information: IMDG-Code: Segregation group 9- Lead and its compounds

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act

Inventory.

TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis. CERCLA/SARA Section 311/312: Immediate Health, Delayed Health

CERCLA/SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40

CFR 372). Lead monoxide (CAS# 1317-36-8). Xylenes (CAS# 1330-20-7). Ethylbenzene

(CAS# 100-41-4).

CERCLA Reportable quantity: Lead monoxide (CAS# 1317-36-8) 10 lbs. (4.54 kg)

Xylenes (CAS# 1330-20-7) 100 lbs. (45.4 kg)

California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This

product contains a chemical known to the State of California to cause birth defects or other

reproductive harm.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic

Substances List.

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16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 2, 3

Prepared by: Product Safety and Regulatory Affairs

Issue date:

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