



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name	Doverlube CA 20
Version #	1.0
Finalized on	Jan 10, 2011
Chemical name	CALCIUM STEARATE
CAS-No.	1592-23-0
Product use	Polymer Lubricant
Company information	DOVER CHEMICAL CORPORATION 3676 Davis Road NW, PO Box 40 Dover, OH 44622-0040 United States
Emergency	CHEMTREC (U.S. and Canada) 1-800-424-9300 CHEMTREC (Outside the U.S.) 1-703-527-0585
Technical contact	Dover Chemical Corporation 330-343-7711 For information regarding the MSDS contact the MSDS Manager. For Technical Information or Literature contact Customer Service.

2. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

Composition comments Not established.

3. Hazards Identification

Emergency Overview	No hazards resulting from the material as supplied.
Potential short term health effects	
Eyes	Contact with eyes may cause irritation.
Skin	Not expected to be a primary skin irritant.
Inhalation	May cause irritation of respiratory tract.
Ingestion	No significant adverse effects are expected upon ingestion of the product.
Target organs	Not established.
Chronic effects	Not established.
Main symptoms	Not established.
Potential environmental effects	Not established.

4. First Aid Measures

General advice	No hazards which require special first aid measures.
Eye contact	Flush eyes with water as a precaution.
Skin contact	Rinse with water.
Inhalation	No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
Ingestion	Drink water as a precaution. No need for first aid is anticipated if material is swallowed.

Notes to physician

Not established.

5. Fire Fighting Measures

General fire hazards	Not a fire hazard.
Unusual fire & explosion hazards	Not established.
Hazardous combustion products	Not established.
Suitable extinguishing media	Carbon dioxide (CO2). Dry chemical. Foam. Water Fog.
Fire fighting equipment/instructions	Not established.
Special protective equipment for firefighters	In the event of fire, wear self contained breathing apparatus.
Extinguishing media which must not be used for safety reasons	Not established.
Specific hazards	Not a fire hazard.
Specific methods	Not established.

6. Accidental Release Measures

Evacuation procedures	Not established.
Containment procedures	None necessary.
Personal precautions	Not established.
Environmental precautions	No special environmental precautions required.
Methods for cleaning up	Not established.
Spill or leak procedure	Not established.

7. Handling and Storage

Handling	No special handling advice required.
Storage	No special storage conditions required.
Special packaging materials	Not established.
Further information	Not established.

8. Exposure Controls / Personal Protection

Personal protective equipment

Respiratory protection	No personal respiratory protective equipment normally required.
Hand protection	Not established.
Eye protection	Avoid contact with eyes.
Skin and body protection	Wear suitable protective clothing.
General	No special protective equipment required.
Exposure limits	Exposure Limits for this product have not been established. Avoid repeated or prolonged exposure to vapor or mist without appropriate respiratory protection.
Engineering measures to reduce exposure	Not established.
Control parameters	Not established.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	Not established.

9. Physical & Chemical Properties

Form	solid
Color	white light yellow
Odor	ester-like
Appearance	granular or powder
Oxidizing properties	Not established.
Specific Gravity	1.03 @ 50°/25° C
Melting Point	303.8 °F (151 °C)
Solubility (H₂O)	0.4 G/L

10. Chemical Stability & Reactivity Information

Stability	No hazards to be especially mentioned. Stable at normal conditions.
Conditions to avoid	None known.
Hazardous decomposition products	Not established.
Hazardous polymerization	Not established.
Incompatibility	Not established.
Materials to avoid	Not established.

11. Toxicological Information

Toxicological information	Not established.
Acute Toxicity	Not established.

Local effects	Not established.
Component analysis - LD50	Not established.
Pre-existing conditions aggravated by exposure	Not established.
Synergistic materials	Not established.
Epidemiology	Not established.
Neurotoxicology	Not established.
Carcinogenicity	Not established.
Mutagenicity	Not established.
Teratogenicity	Not established.
Chronic toxicity	Not established.
Subchronic toxicity	Not established.
Human experience	Not established.
Symptoms and target organs	Not established.
Further information	This product has no known adverse effect on human health.
Reproduction	Not established.
Routes of exposure	Not established.

12. Ecological Information

Ecotoxicity	This material is not expected to be harmful to aquatic life.
Environmental effects	Ecological injuries are not known or expected under normal use.
Persistence and degradability	Not established.
Bioaccumulation	Not established.
Aquatic toxicity	Not established.
Partition coefficient	Not established.

13. Disposal Considerations

Waste Codes	Not established.
Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused product	Not established.
Contaminated packaging	Not established.

14. Transportation Information

DOT classification	Not regulated as dangerous goods.
CTDG classification	Not regulated as dangerous goods.
General	Not regulated as dangerous goods.

15. Regulatory Information

Inventory status

Country(ies) or Region	Inventory Name	On Inventory (Yes/No)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (CCS)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of (ELINCS)	No
Japan	Japanese Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Korean Inventory of Chemicals (KICS)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

International regulations Not established.

US Federal Regulations All components are on the U.S. EPA TSCA Inventory List.

OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.

CERCLA/SARA Hazardous Substances - Not applicable.

Occupational Safety and Health Administration (OSHA)

1910.H.119 Highly Hazardous Chemicals	Not Listed
1910.Z.1200 Hazardous Chemical	Listed

EPA

CERCLA 302.4 List of Hazardous Substances	Not Listed
CWA 116.4 List of Hazardous Substances	Not Listed
CERCLA 372 SARA Title III 313 Toxic Chemicals/Categories	Not Listed
CAA Hazardous Air Pollutant	Not Listed
CERCLA SARA Title III 311/312 Hazard Categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

WHMIS Status Controlled

WHMIS Classification C - Oxidizing
E - Corrosive
F - Reactive

HMS Ratings	Health	1
	Flammability Classification	0
	Physical	0
	Pers. Prot	E
NFPA Ratings	Health	1
	Flammability Classification	0
	Instability	0
Labelling	Not established.	

16. Other Information

Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
Recommended use	Not established.
Recommended restrictions	Not established.
Further information	Not established.
Notification date	11-Oct-2004