

Material Safety Data Sheet

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"DIMENSION" CLINICAL CHEMISTRY SYSTEM LIGHTNING GREASE  
QADM0092 Revised: 03/08/1999  
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CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Product Use

Lubricating Agent/Mold Release Agent

Tradenames and Synonyms

LIGHTNING GREASE  
AMAPS 270921.001

Company Identification

MANUFACTURER/DISTRIBUTOR

Dade Behring Inc.  
P. O. Box 6101  
Newark, DE 19714-6101

PHONE NUMBERS

Product Information : 800-441-9250  
Transport Emergency : CHEMTREC 800-424-9300  
Medical Emergency : 800-228-5635 ext 284

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
Teflon	9002-84-0	0.4
Poly Alpha Olefin	68649-12-7	12
Complex Diesters	16958-92-2	12
30 Wt Engine Oil		12
Surfactant	68171480	3.6
Solvent dewaxed oil		50
Lithium hydroxystearate		10
Barium Dinonyul-Napthalene Sulfonate	25619-56-1	Trace

HAZARDS IDENTIFICATION

## Potential Health Effects

Practically non-toxic. Inhalation of incidental mists or vapors may cause dizziness, headache, nausea, respiratory irritation or chemical pneumonitis. Skin contact may cause transient, slight irritation. Low toxicity by ingestion. If less than one ounce is ingested, material may pass through the system without harm. On ingestion of large amounts, slight gastro-intestinal discomfort, diarrhea and headache may occur. Prolonged and repeated dermal exposure may cause drying of the skin.

## Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

## FIRST AID MEASURES

### First Aid

#### INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

#### SKIN CONTACT

The compound is not likely to be hazardous by skin contact but cleansing the skin after use is advisable.

#### EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

#### INGESTION

Ingestion is not an expected route of exposure during normal use of the product. If ingested, consult a physician.

## FIRE FIGHTING MEASURES

### Flammable Properties

Flash Point : 435 F (224 C)  
Method : D92

#### Extinguishing Media

Dry Chemical, CO2.

#### Fire Fighting Instructions

Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment. Cool tank/container with water spray.

### ACCIDENTAL RELEASE MEASURES

#### Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

#### Initial Containment

Follow applicable Federal, State/Provincial and Local laws/regulations.

#### Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material.

### HANDLING AND STORAGE

#### Handling (Personnel)

Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.

#### Storage

Do not mix with incompatibles as listed above. Keep container tightly closed.

Avoid excessive heat or direct flame.

### EXPOSURE CONTROLS/PERSONAL PROTECTION

## Engineering Controls

Keep container tightly closed.

Avoid excessive heat or direct flame.

## Personal Protective Equipment

Eye/Face : Safety Glasses.  
Additional : Local exhaust preferred.  
Protective Gloves : Butyl rubber.

## Exposure Guidelines

### Applicable Exposure Limits

Teflon

PEL (OSHA) : None Established

TLV (ACGIH) : None Established

## PHYSICAL AND CHEMICAL PROPERTIES

### Physical Data

Boiling Point : >300 F (>149 C)  
Solubility in Water : Insoluble WT%  
Odor : Odorless  
Form : grease  
Color : Reddish tan  
Specific Gravity : 0.9047

## STABILITY AND REACTIVITY

### Chemical Stability

Stable.

Avoid excessive heat - direct flame.

### Incompatibility with Other Materials

Incompatible with strong oxidants (liquid chlorine or concentrated oxygen).

### Decomposition

Decomposes with heat.

Decmposition temperature: 500 F (260 C)

Hazardous gases/vapors produced are CO<sub>2</sub>, trace quantities of fluorides. Decomposition product

#### Polymerization

Polymerization will not occur.

### DISPOSAL CONSIDERATIONS

#### Waste Disposal

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

### OTHER INFORMATION

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The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Technical Assistance Center  
Dade Behring Inc.  
Newark, DE 19714-6101  
1-800-441-9250

# Indicates updated section.

End of MSDS