

MATERIAL SAFETY DATA SHEET

Product Name: TorrLube
Catalog Number: 30027, 30028, 30029
DOT Hazard Class: Not Hazardous
MSDS Prepared: 3/12/07

Distributed By: Ladd Research
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HAZARDOUS COMPONENTS

| | <i>CAS Number</i> | <i>Percent</i> | <i>Exposure Limits</i> |
|---------------------|-------------------|----------------|------------------------|
| Perfluoroalkylether | 60164-51-4 | 100 | not available |

PHYSICAL AND CHEMICAL DATA

Solubility in Water: insoluble
pH: Neutral
Color: colorless
Specific Gravity: 1.86-1.91 @ 24°C
Pour Point: -57 to -37.7°C

FIRE AND EXPLOSION HAZARD DATA

Flash Point: Does not ignite
Extinguishing Media: As appropriate for combustibles in area
Fire Fighting Instructions: Wear SCBA and full protective equipment. Decomposition at flame temperatures may form toxic fluorine compounds. Avoid breathing decomposition products.

HEALTH HAZARD DATA

Skin contact may cause reddening of skin. The product was not a skin irritant or skin sensitizer in a 100 person human patch test.
Eye contact may cause irritation with discomfort, tearing or blurring of vision.
Inhalation of fluorine containing compounds released as decomposition products from overheated or burning product may cause lung irritation and pulmonary edema which require medical treatment.

EMERGENCY AND FIRST AID

Inhalation – Remove to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Call a physician.
Skin – The compound is not likely to be hazardous by skin contact but cleansing the skin after use is advisable.
Eye – Immediately flush eyes with plenty water for at least 15 minutes. Call a physician.
Ingestion – Do Not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

REACTIVITY DATA

Stability: Stable

Incompatibility: No incompatibility reported

Decomposition: Heating above 350°C may form potentially toxic fluorine compounds.
Depolymerization may occur in the presence of some metal oxides at temperatures above 288°C.
Decomposition occurs at increasing rates as temperature is raised above 355°C.

Hazardous Polymerization: Will not occur

SPILL, DISPOSAL AND STORAGE INFORMATION

Spill: Soak up with sawdust, sand, oil dry or other absorbent material. Shovel or sweep up.

Disposal: Treatment, storage, transportation and disposal must be in accordance with applicable federal, state and local regulations. Do not flush to surface water or sanitary sewer system.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

None required. During clean up of spills wear gloves and other necessary protective clothing.

SECTION 313 SUPPLIER NOTIFICATION

Not applicable.

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