

M A T E R I A L S A F E T Y D A T A S H E E T

McLUBE 1775

IDENTIFICATION

Manufacturer's Name & Address:

McGee Industries, Inc.
9 Crozerville Road
Aston, PA 19014

Emergency Telephone No:

(215) 459-1890

Chemical Name & Synonyms:

Fluorocarbon Polymer/
Organic Resin Binder

Trade Name & Synonyms:

McLube 1775

HAZARDOUS INGREDIENTS

Materials:	CAS No.	[%] By Wt.	TLV
2-Butanone	78-93-3	40	200 ppm
Toluene	108-88-3	38	100 ppm
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10	1000 ppm

PHYSICAL DATA

Boiling Pt., 760 mm.Hg (°F): 118 - 231

Melting Point: N/A

Specific Gravity: 0.9

Vapor Pressure (mm.Hg. 20°C): 70

Vapor Density (Air=1): 2-5

Solubility in Water (% by Wt.): Nil

% Volatiles by Weight: 91

Evaporation Rate (Ether=1): 5% Slower

Appearance and Odor: Yellowish, translucent liquid, slight ethereal odor.

FIRE AND EXPLOSION DATA

Flash Point (Test Method): 16°F (TOC), 30°F (TCC)

Flammable Limits (Wt. % 77°F):

Lower
1.8

Upper
10

Extinguishing Media: CO₂, dry chemical, freon.

Special Fire Fighting Procedures: Full protective equipment including self-contained breathing apparatus should be used.

Unusual Fire and Explosion Hazard:

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat.

REACTIVITY DATA

Stability: Stable.

Incompatibility: Oxidizing materials.

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide, possibly small quantities phosgene, hydrogen fluoride and organic fluorides.

Polymerization: Will not occur.

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HEALTH HAZARD INFORMATION

Exposure Limit: TLV 100 ppm.

Routes of Exposure and Effects

Inhalation: 200 ppm for prolonged periods may cause headache, dizziness, loss of balance. Higher levels can lead to unconsciousness or even death.

Skin Contact: Irritation; prolonged contact may cause dermatitis.

Eye Contact: Irritation.

Ingestion: Harmful if swallowed.

Carcinogenicity: None of the components in the product is listed by IARC, NTP or OSHA as a carcinogen.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush thoroughly with large amounts of water for at least 15 minutes.

Skin: Wash thoroughly with soap and water.

Inhalation: Remove to fresh air. If not breathing, have qualified person give mouth-to-mouth resuscitation. If breathing difficult, give oxygen. Call a physician.

Ingestion: Do not induce vomiting. Call a physician.

PROTECTION INFORMATION

Ventilation: Control vapor to standard. OSHA standard 100 ppm.

Personal Protective Equipment

Respiratory: In absence of environmental control, approved organic-type respirator required. For emergencies, positive-pressure breathing apparatus or full-face respirator with approved organic vapor canister recommended.

Eye: Safety glasses; eye-wash station should be available.

Gloves: For frequent or prolonged contact, use non-absorbent gloves.

Other: Boots and apron may be necessary depending on extent and severity of exposure.

DISPOSAL PROCEDURES

Spill or Leak: Remove all sources of ignition: flames, hot surfaces, and electrical, static or frictional sparks. Avoid breathing vapor. Ventilate area. Soak up with inert absorbent such as sand, earth or vermiculite and put in closed container for prompt disposal.

Waste Disposal: Dispose in accordance with with local, state and federal regulations.

PRECAUTIONARY STATEMENTS AND ADDITIONAL INFORMATION

Contents may be under pressure; open slowly to release internal pressure.

Store containers out of sun, away from heat, sparks or flame.

Use with adequate ventilation; avoid breathing vapor.

Avoid contact with eyes and prolonged contact with skin.

Heating solid active ingredient above 500°F may cause formation of potentially toxic substances.

Do not smoke while using nor contaminate tobacco products.

Wash hands thoroughly after handling.

Do not reuse empty containers; do not burn or use cutting torch on empty containers.

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