Material Safety Data Sheet

FOMBLIN ® Y-LVAC 16/6

SECTION I - CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION

Ausimont USA, Incorporated
10 Leonards Lane
Thorofare, New Jersey 08086
Main telephone: 609-853-8119

EMERGENCY TELEPHONE NUMBERS:

CHEMTREC: 800 - 424 - 9300
Ausimont USA: 609 - 251 - 3467

Product Names:	FOMBLIN(R) Y-LVAC 16/6
Chemical Name:	Propene, 1,1,2,3,3,3-hexafluoro, oxidized, polymerized
CAS Number:	69991-67-9
Chemical Family:	Fluorocarbons, Perfluorinated polyethers

EMERGENCY OVERVIEW.

Clear, colorless liquid. Thermal. decomposition will generate hydrogen fluoride (HF), which is corrosive.

SECTION 2 - COMPOSITIONAL INFORMATION

Name:	CAS:	Approximate Weight (% wt.):
Propene, 1,1,2,3,3,3-hexafluoro, oxidized, polymerized	69991-67-9	100

SECTION 3 - POTENTIAL HEALTH EFFECTS

Effects of Overexposure:

Eye Contact:	Eye contact may cause slight irritation.
Skin Contact:	Skin contact may cause slight irritation.
Inhalation:	Inhalation of vapors or mists may cause respiratory tract irritation.
Ingestion:	Ingestion may cause nausea and vomiting.

SECTION 4 - FIRST AID MEASURES

Eye Contact:	Flush eyes for 15 minutes with large amounts of water, while keeping the eyelids open. Seek medical

attention if irritation persists.

Skin Contact: Wash skin thoroughly with mild soap and water. Flush with lukewarm water for 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove victim from contaminated area. Give mouth -to-mouthbreathing and/or CPR, if needed. Oxygen Can be given under doctor's orders.

Ingestion: If victim is conscious, have them drink three to four ounce glasses of water or milk. Do not induce vomiting. Call a physician or the poison control center. If victim is unconscious, have an ambulance immediately take them to a hospital. Do not give anything by mouth to an unconscious person.

Note to physician: None.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: None.

Lower Flammable Limit: Not available.

Upper Flammable Limit: Not available.

Auto ignition: Not available.

Extinguishing Media: Water (spray or fog), foam, carbon dioxide (C02), Or dry chemical.

Unusual Fire Hazards: Fluoropolymer materials will degrade upon Prolonged heating or in a fire, liberating carbonyl fluoride and hydrogen fluoride (HF). HF gas is toxic if inhaled or it comes into contact with moist skin. HF has an ACGIH TLV ceiling value of 3 ppm (2.6 mg/m3) and an OSHA PEL TWA of 3 ppm. Carbonyl fluoride has an ACGIHTLV TWA and OSHA PEL TWA of 2 ppm (5 mg/m3).

Firefighting Procedures: Use self-contained breathing apparatus (SCBA) and skin protection for acid gas exposure. Do not enter fire area without proper protection. Fight fire from safe distance. If possible, air monitoring should be performed.

SECTION 6 -ACCIDENTAL RELEASE MEASURES

Releases: In case of a release or spill, absorb material onto vermiculite or similar inert absorbent. Use

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Perfluorosolv(TM) PFS-1 as an aid in cleaning up Any residual fluid. Place spilled material into covered container for disposal. Dispose of according to applicable local, state and federal regulations. Extinguish all ignition sources and evacuate the area. Exercise caution; spill area my be slippery.

SECTION 7 - HANDLING AND STORAGE

Use the recommended personal protective equipment. Do not eat, drink, smoke or apply make-up when using this material. Wash hands after using this material and before entering non-work areas or handling food or applying cosmetics. Do not use tobacco products in the immediate area.

Store in a cool area keeping material packaged in original containers and tightly closed. Keep away from heat, sparks and flames. Do not store near combustible materials.

SECTION 8 - EXPOSURE CONTROLSIPERSONAL PROTECTION

ACGIH Threshold Limit Value (8 hr. time weighted average):	None established.
OSHA Permissible Exposure Limit (8 hr. time weighted average):	None established.

ENGINEERING CONTROLS:

Ventilation Requirements:	Local exhaust: vent vapors or mists generated by processing away from operating personnel. Local exhaust ventilation should be at a rate of 50 feet per minute.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection:	No occupational exposure standards have been developed for this material. In situations where exposure to vapors or mists is likely, NIOSH/MSHA approved respirators equipped with organic filte cartridges are recommended. Respirator use limitation smade by NIOSHIMSHA or the respirator manufacturer must be observed. Respiratory protection program must be in accordance with 29 CFR 1910.134.
Eye and face protection:	ANSI Z.87 approved safety glasses with side shields or equivalent chemical splash goggles.
Skin protection:	Rubber or latex gloves are recommended.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid.
Color:	Colorless.
Odor:	Odorless.
pH:	Not applicable
Vapor pressure:	Less than JOA -3 torr at 20 degrees C.
Vapor density:	Not available.
Boiling point:	Greater than 270 degrees C.
Melting point:	Not available.
Specific gravity:	1.7- 1.9.
Solubility in water:	Insoluble.

SECTION 10 - STABILITY AND RE4CTIPYTY

Stability:	This material is stable.
Reactivity:	This material is not reactive.
Conditions to avoid:	Avoid contact with heat, sparks, flames, other Ignition sources, or heating above 290 degrees C (554 degrees F).
Incompatibility/materials to avoid:	Strong or non-aqueous alkali Lewis acids above 100 degrees C (212 degrees F). Alkali metals and halogenated compounds.
Hazardous decomposition products:	Thermal decomposition of this product will generate hydrogen fluoride (HF), which is corrosive, causing bums on contact with skin and other tissue.

SECTION 11 - TOXICOLOGY INFORMATION

Rat oral LD50:	Greater than 25.65 gms/kg.
Rat intraperitoneal LD50:	Greater than 25 gms/kg.
Rat dermal LD50:	Greater than 2 gms/kg.
Rabbit skin irritation:	Non irritating.
Rabbit eye irritation:	Non irritating.
Guinea pig sensitization:	Not a sensitizer.

SECTION.12 - ECOTOXICOLOGICAL INFORMATION

No ecotoxicological information is available for this material.

SECTION 13 - DISPOSAL INFORMATION

Waste disposal: Material, as supplied, is a hazardous waste. Incinerate in a high-temperature incinerator designed to bum fluorine-containing materials. Processing, use or contamination may make this information inaccurate or incomplete.

SECTION 14 - TRANSPORTATION INFORMATION

Shipping class: Not regulated by DOT.

SECTION 15 - REG ULA TOR Y INFORK4 TION

This product is listed on the Toxic Substance Control Act (TSCA) Section 8(b) Chemical Inventory and the Canadian Environmental Protection Act (CEPA) provisional domestic substances list (DSL).

This product is not a "hazardous substance" as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200.

This product is not a "controlled product" as defined by the Canadian Workplace Hazardous Materials Information System (WHMIS).

SARA Section 302 Extremely Hazardous Substances list - not listed.
SARA Section 311/312:

Acute:	No.
Chronic:	No.
Fire:	No.
Reactivity:	No.
Sudden Release of Pressure:	No.
NFPA Ratings (scale of 0 - 4):	
Health:	I
Fire:	0
Reactivity:	0

SECTION 16 - OTHER

ORIGINAL ISSUE:	10/89
DATE REVISED:	08/04/95
REVISION NUMBER:	3
REASON FOR REVISION:	Changed address, telephone numbers
PREPARED BY:	Barry R. Weissman, REM, CSP, CHMM
FILE REFERENCE:	\MSDS\FOMBLIN\LVAC16-6

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