

# MATERIAL SAFETY DATA SHEET

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CHEMTREC #: 800/424-9300

DATA SUPPLIED BY: PRIORITY PACKAGING  
3600 LANCASTER PIKE  
WILMINGTON, DE 19805

HMIS RATING:  
H - 1; F - 2; R - 0; PPE - N/A

## SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **TFL-50® WET LUBE** FORMULA NUMBER: DuPONT FORMULA VZ704  
PRODUCT NUMBER: **#60128 - 1 GL CAN | #60130 - 55 GL DRUM** PRODUCT CLASS: THIN FILM LUBRICANT

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	% WT.	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE	
			TLV	PEL	MM	@°C
MINERAL SPIRITS	8052-41-3	<50	100 ppm	500 ppm	3	20
ALIPHATIC PETROLEUM DISTILLATE	MIXTURE *	<55	NE	NE	<.1	20
* - All component items are listed on the TSCA inventory.						

## SECTION III - PHYSICAL DATA

BOILING RANGE: 300° - 392° F  
EVAPORATION RATE: Slower than ether  
LBS/GAL: 6.805 (Spec. Grav = 0.8298)

VAPOR DENSITY: Heavier Than Air  
% VOLATILE : 53.0  
FLASH POINT: 149° F (TOC)

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION ACCORDING TO ASTM D-3065-77 AND FHSA 1500.45:  
Combustible Liquid - DOT Consumer Commodities ORM-D.

EXTINGUISHING MEDIA: Use carbon dioxide, dry powder or foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep container lid tightly closed. Isolate from heat and hot surfaces. Exposure to heat may cause bursting.

SPECIAL FIREFIGHTING PROCEDURES: Self-contained respiratory protection should be provided for firefighters fighting flames in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up.

## SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Inhalation  Ingestion  Dermal

### EFFECTS OF OVEREXPOSURE - SHORT-TERM:

- INHALATION - May cause irritation of respiratory tract, nausea, dizziness, headache and depression of the central nervous system. Intentional misuse by deliberately concentrating and inhaling can be harmful or fatal.
- INGESTION - May cause gastrointestinal irritation, nausea, vomiting and depression of the central nervous system.
- SKIN CONTACT - May cause irritation.
- EYE CONTACT - May cause irritation. May cause conjunctivitis of eyes.

### EFFECTS OF OVEREXPOSURE - LONG TERM:

May cause skin irritation on prolonged or repeated contact

### MEDICAL CONDITIONS PRONE TO AGGRAVATION BY OVEREXPOSURE:

None recognized.

(CONTINUED)

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**SECTION V - HEALTH HAZARD DATA (CONT'D)**

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**EMERGENCY AND FIRST AID PROCEDURES:**

- INHALATION - If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.
- INGESTION - DO NOT induce vomiting. Call poison control center, hospital, emergency room or physician immediately.
- SKIN CONTACT - Wash with soap and water.
- EYE CONTACT - Flush with large quantities of water for at least 15 minutes. If irritation from contact persists, get medical attention.

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**SECTION VI - REACTIVITY DATA**

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- STABILITY: Stable.
- HAZARDOUS POLYMERIZATIONS: Will not occur.
- HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.
- INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

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**SECTION VII - SPILL AND LEAK PROCEDURES**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Avoid breathing vapors. Ventilate area. Flush large spills of material into suitable retaining area or containers with large quantities of water. Small spill can be absorbed by appropriate inert absorbent.

WASTE DISPOSAL: Dispose in accordance with applicable local, state, and federal regulations.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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RESPIRATORY PROTECTION: For OSHA controlled work place, use only with adequate ventilation under engineered air control systems designed to provide maximum appropriate TLV. For occasional use where engineered air control is not feasible, use NIOSH approved respirators. For occasional consumer use, use only with adequate ventilation.

VENTILATION: Adequate ventilation must be provided. See respiratory protection above.

PROTECTIVE GLOVES: Use impermeable gloves to prevent skin irritation.

EYE PROTECTION: Safety glasses, chemical goggles an/or face shields are recommended to safeguard against potential eye contact, irritation, or injury.

OTHER PROTECTIVE EQUIPMENT: Usually none required.

HYGIENIC PRACTICES: Wash hands thoroughly after use. Before reuse, thoroughly clean any clothing or protective equipment which has been contaminated by prior use.

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**SECTION IX - SPECIAL PRECAUTIONS**

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store near flames or at elevated temperatures.

OTHER PRECAUTIONS: Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warning even after container is empty. Dispose of empty container according to local regulations.

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