



WALTER

J. Walter Inc.
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NFPA Hazard Identification

FLAMMABILITY	
4	0
1	0
REACTIVITY	

HEALTH

0= Minimum
 1= Light
 2= Moderate
 3= Serious
 4= Extremely

MATERIAL SAFETY DATA SHEET M.S.D.S. No.: L-49E

SECTION 1 & 2 - Product & Preparation Information

TRADE NAME(S) DryTef, Spray	PRODUCT NAME(S) Dry Film Lubricant, Spray
PREPARED BY Product Manager, Chemical Tools	ORDER NO. 53-D 302
TELEPHONE # (860) 724-0321 DATE May 14, 2002	WHMIS CLASSIFICATION A, B5, D2B
THIS IS A CONTROLLED PRODUCT UNDER WHMIS No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	

SECTION 3 - Hazardous Ingredients

CHEMICAL IDENTITY	% BY WEIGHT	C.A.S. Number	LD ₅₀ RAT	CL ₅₀ RAT
Distillates petroleum	10-30	64742-49-0	N/E	N/E
Propane	30-60	74-98-6	N/E	N/E
Butane	30-60	106-97-8	N/E	276000 ppm/4 hrs.

SECTION 4 - Physical Data

PHYSICAL STATE Aerosol	ODOUR & APPEARANCE Solvent odour, colourless	ODOUR THRESHOLD N/E
pH N/A	BOILING POINT (°C) N/E	FREEZING POINT (°C) N/E
SPECIFIC GRAVITY 0.58 g/ml @ 20° C	VAPOUR PRESSURE 4000 hPa @ 20° C	VAPOUR DENSITY N/E
EVAPORATION RATE N/E	SOLUBILITY IN WATER Not soluble	

SECTION 5 - Fire or Explosion Hazards

FLAMMABILITY No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Conditions Propane/Butane will ignite in the presence of flame or spark	HAZARDOUS COMBUSTION PRODUCTS Normal product combustion
EXTINGUISHING MEDIA CO ₂ , dry chemical, foam	SENSITIVITY TO MECH. IMPACT OR STATIC DISCHARGE Yes
FLASHPOINT (°C, Method) -60°, c.c.	AUTO IGNITION TEMPERATURE (°C) >500
FLAMMABLE LIMITS (%) UPPER 32 LOWER 1.4	

SECTION 6 - Toxicological Data

ROUTE OF ENTRY <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion	ACUTE EXPOSURE EFFECTS High levels of solvent vapours may cause drowsiness and may lead to cardiac arrest.	EXPOSURE LIMITS: TLV-TWA Butane = 800 ppm Propane = 1000 ppm
CHRONIC EXPOSURE EFFECTS Prolonged contact may cause skin and eye irritation.	CARCINOGENICITY No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	MUTAGENICITY No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>
REPRODUCTIVE TOXICITY No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	TERATOGENICITY No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	SYNERGISTIC EFFECTS No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>
IF YES TO ANY ABOVE, SPECIFY: No		

SECTION 7 - Reactivity Data

CHEMICAL STABILITY No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Conditions None	REACTIVITY CONDITIONS May explode if crushed or exposed to temperatures above 50°C. Do not puncture or incinerate.
INCOMPATIBLE SUBSTANCES Strong oxidizers	HAZARDOUS DECOMPOSITION PRODUCTS Normal combustion product

SECTION 8 - Preventive Measures

PROTECTIVE EQUIPMENT <input checked="" type="checkbox"/> Eyewear <input type="checkbox"/> Clothing <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Other	ENGINEERING CONTROLS Provide adequate ventilation.
HANDLING PROCEDURES Follow package instructions.	HANDLING EQUIPMENT None
WASTE DISPOSAL METHODS Dispose of while respecting municipal, provincial and federal regulations	LEAK/SPILL PROCEDURES Wipe up spills. Use detergent.
STORAGE REQUIREMENTS Store at temperatures below 50°C.	SPECIAL SHIPPING INFORMATION According to TDG, Aerosol U.N.1950, Class 2.1.

SECTION 9 - First Aid Measures

SKIN CONTACT Rinse thoroughly with soap and water.
EYE CONTACT Rinse thoroughly with plenty of clean water for at least 20 minutes.
INHALATION Remove patient to fresh air. Do not give stimulants. Seek medical advice if needed.
INGESTION Do not induce vomiting. Seek medical advice if needed.
OTHER N/A

N/A - Not Applicable

N/E - Not Established

This data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.