

TRI FLOW

ITEM: 3JDL3 - PTFE Lubricant Aerosol 6 oz

MSDS: L2475

ORDER: 0118699597

LP NUMBER: U854047439

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

***** MATERIAL SAFETY DATA SHEET - L2475 ***** FOR COMPLETE DISCUSSION OF TOXICOLOGY DATA REFER TO SECTION 11.

Associated Grainger Items
3JDL3
MATERIAL SAFETY DATA SHEET
20025

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER: 20025
PRODUCT NAME: TRI-FLOW* INDUSTRIAL LUBRICANT WITH TEFLON* (AEROSOL)
MANUFACTURER'S NAME: THE SHERWIN-WILLIAMS COMPANY
EMERGENCY TELEPHONE NO.: (216) 566-2917

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Table with columns: % BY WT, CAS NO., INGREDIENT, UNITS, VAPOR PRESSURE. Lists ingredients like PROPANE, BUTANE, HEAVY ALIPHATIC SOLVENT, etc.

SECTION 3 - HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE: EXPOSURE MAY BE BY INHALATION AND/OR SKIN OR EYE CONTACT...
EFFECTS OF OVEREXPOSURE: IRRITATION OF EYES, SKIN AND UPPER RESPIRATORY SYSTEM...
SIGNIS AND SYMPTOMS OF OVEREXPOSURE: HEADACHE, DIZZINESS, NAUSEA...
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE GENERALLY RECOGNIZED.

SECTION 4 - FIRST AID MEASURES

IF INHALED: IF AFFECTED, REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET.
IF ON SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE.
IF IN EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.
IF SWALLOWED: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: PROPELLANT <0 F
LEL: 0.6
UEL: 9.5
EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM
UNUSUAL FIRE AND EXPLOSION HAZARDS: CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA. REMOVE WITH INERT ABSORBENT.

SECTION 7 - HANDLING AND STORAGE

STORAGE CATEGORY: NFPA 30B LEVEL 3 AEROSOL
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.
DURING USE AND UNTIL ALL VAPORS ARE GONE: KEEP AREA VENTILATED - DO NOT SMOKE - EXTINGUISH ALL FLAMES...

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE: USE ONLY WITH ADEQUATE VENTILATION. AVOID CONTACT WITH SKIN AND EYES.
VENTILATION: LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE TO MATERIALS IN SECTION 2 IS MAINTAINED BELOW APPLICABLE EXPOSURE LIMITS.
RESPIRATORY PROTECTION: IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR...

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT: 6.46 LB/GAL
774 G/L
SPECIFIC GRAVITY: 0.78
BOILING POINT: <0-500 F
<-18-260 C

MELTING POINT: NOT AVAILABLE

VOLATILE VOLUME: 56%

EVAPORATION RATE: FASTER THAN ETHER

VAPOR DENSITY: HEAVIER THAN AIR

SOLUBILITY IN WATER: N.A.

VOLATILE ORGANIC COMPOUNDS (VOC THEORETICAL):
VOLATILE WEIGHT 48.20 % LESS FEDERALLY EXEMPT SOLVENTS

SECTION 10 - STABILITY AND REACTIVITY

STABILITY - STABLE

CONDITIONS TO AVOID: NONE KNOWN.

INCOMPATIBILITY: NONE KNOWN.

HAZARDOUS DECOMPOSITION PRODUCTS:
BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF METALS IN SECTION 2

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 11 - TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS:
NO INGREDIENT IN THIS PRODUCT IS AN IARC, NTP OR OSHA LISTED CARCINOGEN.
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS
WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

TOXICOLOGY DATA:

CAS NO.	INGREDIENT NAME				
74-98-6	PROPANE	LC50	RAT	4 HR	NOT AVAILABLE
		LD50	RAT		NOT AVAILABLE
106-97-8	BUTANE	LC50	RAT	4 HR	NOT AVAILABLE
		LD50	RAT		NOT AVAILABLE
64742-96-7	HEAVY ALIPHATIC SOLVENT	LC50	RAT	4 HR	NOT AVAILABLE
		LD50	RAT		NOT AVAILABLE
64742-63-8	NAPHTHENIC OIL	LC50	RAT	4 HR	NOT AVAILABLE
		LD50	RAT		NOT AVAILABLE
64742-52-5	HEAVY NAPHTHENIC PETROLEUM OIL	LC50	RAT	4 HR	NOT AVAILABLE
		LD50	RAT		NOT AVAILABLE
64742-53-6	HIGHLY REFINED NAPHTHENIC OIL	LC50	RAT	4 HR	NOT AVAILABLE
		LD50	RAT		NOT AVAILABLE
64741-96-4	HEAVY MINERAL OIL	LC50	RAT	4 HR	NOT AVAILABLE
		LD50	RAT		4999. MG/KG
64742-65-0	DISTILLATES, PETROLEUM, SOLVENT-DE	LC50	RAT	4 HR	NOT AVAILABLE
		LD50	RAT		NOT AVAILABLE
34590-94-8	2-METHOXYMETHYLETHOXYPROPANOL	LC50	RAT	4 HR	NOT AVAILABLE
		LD50	RAT	4 HR	5135 MG/KG
628-63-7	AMYL ACETATE	LC50	RAT	4 HR	NOT AVAILABLE
		LD50	RAT		6500 MG/KG

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: NO DATA AVAILABLE.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
WASTE FROM THIS PRODUCT MAY BE HAZARDOUS AS DEFINED UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) 40 CFR 261.
WASTE MUST BE TESTED FOR IGNITABILITY AND EXTRACTABILITY TO DETERMINE THE APPLICABLE RCRA HAZARDOUS WASTE NUMBERS.
DO NOT INCINERATE. DEPRESSURIZE CONTAINER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING POLLUTION.

SECTION 14 - TRANSPORT INFORMATION

NO DATA AVAILABLE.

SECTION 15 - REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION:

CAS NO.	CHEMICAL/COMPOUND	% BY WT	% ELEMENT
	ARIUM COMPOUND	3	0.6

CALIFORNIA PROPOSITION 65:

WARNING:
THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

TSCA CERTIFICATION:
ALL CHEMICALS IN THIS PRODUCT ARE LISTED, OR ARE EXEMPT FROM LISTING, ON THE TSCA INVENTORY.

SECTION 16 - OTHER INFORMATION

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CFR AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CFR.

THE ABOVE INFORMATION PERTAINS TO THIS PRODUCT AS CURRENTLY FORMULATED, AND IS BASED ON THE INFORMATION AVAILABLE AT THIS TIME. ADDITION OF REDUCERS OR OTHER ADDITIVES TO THIS PRODUCT MAY SUBSTANTIALLY ALTER THE COMPOSITION AND HAZARDS OF THE PRODUCT. SINCE CONDITIONS OF USE ARE OUTSIDE OUR CONTROL, WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION.