

MATERIAL SAFETY DATA SHEET

ADDRESS:

619 Bailey Avenue
Buffalo, NY 14206

PRODUCT IDENTIFICATION

Product Name: Synthetic Gear Oil 75 wt. Code No.: 60543-75W
 Chemical Name: HYDROCARBON OIL
 Synonyms: SYNTHETIC GEAR OIL 75W

Emergency Phone Number(s)
 Business: (716) 827-8300
 Other:

Chemical Family: HYDROCARBON

INGREDIENTS

MATERIALS OR COMPONENTS	%W	CAS NUMBER	CARCINOGEN OSHA OR IARC
POLYALPHAOLIFIN FLUID	90.0	68649-12-7	No
MINERAL OIL	8.0	64742-52-5	No
*LUBRIZOL 5178	2.0	---	No
*LUBRIZOL CORP. CLEVELAND, OH			

SHIPPING INFORMATION

NOT RESTRICTED

PHYSICAL PROPERTIES

Boiling Point/Range: °C 700 °F / Melting Point: °C NA °F / Freezing Point: °C -85 °F / Molecular Weight (Calculated): NA
 Specific Gravity (H₂O=1): 0.84 @ / 16 °C / Vapor Pressure (mm Hg): NA °C °F / Vapor Density (Air=1): NA
 Solubility in H₂O: NIL / % Volatiles by Volume: 0 / Evaporation Rate: NA Ether = 1 Water = 1 Butylacetate = 1
 Appearance and Odor: FLUID OIL - BLAND / Other:

FIRE AND EXPLOSION DATA

Flash Point: °C 380 °F / Test Method: D-92 / Flammable Limits: Lower NA % Upper % / Autoignition Temperature/Fire Point: °C 420 °F
 EXTINGUISHING MEDIA: Water-spray Water-fog Water-stream CO₂ Dry chemical Alcohol foam Foam Earth or sand
 SPECIAL FIRE FIGHTING PROCEDURES: Do not enter building Allow fire to burn Water may cause frothing Do not use water
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Dust explosion hazard Sensitive to shock Contamination Temperature Other (specify): NONE

REACTIVITY DATA

STABILITY: Stable Unstable / CONDITIONS CONTRIBUTING TO INSTABILITY: Thermal decomposition Photo degradation Polymerization Contamination
 INCOMPATIBILITY - Avoid contact with: Strong acids Strong alkalis Strong oxidizers Other (specify):
 HAZARDOUS DECOMPOSITION PRODUCTS - THERMAL AND OTHER (list): CO & CO₂ IF INCOMPLETE COMBUSTION.
 CONDITIONS TO AVOID: Heat Open flames Sparks Ignition sources Other (specify):

SPILL OR LEAK

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Flush with water Absorb with sand or inert material Neutralize Sweep or scoop up and remove Keep upwind. Evacuate enclosed spaces. Prevent spread or soil
 Dispose of immediately Other (specify):
 WASTE DISPOSAL METHOD: Consult federal, state, or local authorities for proper disposal procedures.

ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE & LOCAL REGULATIONS

Before using product, read and follow directions and precautions on product label and bulletins.

CONDITIONS TO AVOID
 NONE KNOWN

PRIMARY ROUTES OF ENTRY INHALATION SKIN CONTACT OTHER (Specify)

This product has been used for years with no known ill effects. It contains no known carcinogens or mutagens as defined by OSHA or IARC.

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):

CAS#	Chemical Name	Percent by Weight
	ZINC COMPOUND	1.0%

NFPA Rating

Health	0	NFPA HAZARD RATING CODES	
Flammability	1	Least	0
Reactivity	0	Slight	1
Protective Equipment	B	Moderate	2
		High	3
		Extreme	4

PERMISSIBLE EXPOSURE LIMIT (Specify if TLV/TWA or Ceiling (c))
 ACGIH 19__ OSHA 1988 5mg/Cu Meter for Mineral Oil

IRRITATION
 Skin Severe Moderate Mild (transient)
 Eye Severe Moderate Mild (transient)

CORROSIVITY
 Skin 4 hrs. (DOT) 24 hrs. (CPSC)
 Eye May cause blindness Not Corrosive

SENSITIZATION
 Skin Respiratory None

INHALATION EFFECTS
 Narcotic effect Cyanosis Asphyxiant

LUNG EFFECTS (Specify):
 NA

OTHER (Specify):
 Repeated contact - skin defatter Other (Specify): NA

Emergency First Aid

INGESTION
 Induce vomiting Do NOT induce vomiting Give plenty of water Get medical attention Other (specify):

DERMAL
 Flush with soap and water Get medical attention Contaminated clothing - remove & launder Contaminated shoes - destroy Other (specify):

EYE CONTACT
 Flush with plenty of water for at least 15 minutes Get medical attention Other (specify):

INHALATION
 Remove to fresh air If not breathing, give artificial respiration Give oxygen Get medical attention Other (specify): NA

SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS - Always maintain exposure below permissible exposure limits
 Consult an industrial hygienist or environmental health specialist Local exhaust Use with adequate ventilation Check for air contaminant and oxygen deficiency

Other (specify):

EYE Face shield Safety glasses Goggles

HAND (GLOVE TYPE) Butyl rubber Polyvinyl alcohol Other (specify):
 Polyvinyl chloride Neoprene Natural rubber Polyethylene

RESPIRATOR TYPE - Use only NIOSH / MESA approved equipment
 Self-contained Supplied air Can or cartridge gas or vapor Filter - dust, fume, mist Other (specify): NA

OTHER PROTECTIVE EQUIPMENT
 Rubber boots Apron Other (specify): NONE

SPECIAL PRECAUTIONS

PRECAUTIONARY NOTES
 Wash thoroughly after handling Do not get in eyes, or on clothing Do not breathe dust, vapor, mist, gas Keep container closed Keep away from sparks, and open flames Store in tightly closed container

Do not store near combustibles Keep from contact with clothing and other combustible materials Empty container may contain hazardous residues Use explosion proof equipment Other (specify):

Other handling and storage conditions

NO SPECIAL CONDITIONS

Prepared by **Dennis Krol** Date _____ Address **619 Bailey Avenue, Buffalo, NY 14206** Phone **(716)827-8300**

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