

WHITMORE'S

MATERIAL SAFETY DATA SHEET

Not classified as hazardous according to criteria of Worksafe Australia.

I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY					
Product Name:	Vortex™	Manufacturer/Supplier:			
Chemical Family:	Petroleum Hydrocarbon	The Whitmore Manufacturing Company		930 Whitmore Drive	
Use:	Lubricating Grease	Rockwall, Texas 75087, U.S.A.			
Emergency Tel. No.:	CHEMTREC	U.S.A. & Canada	800-424-9300 (24 hrs)	International	703-527-3887 (Collect - 24 hr)
		Australia	00-111-703-527-3887 (Collect - 24 hr)		
II. COMPOSITION INFORMATION ON INGREDIENTS					
<u>Hazardous Components</u>	<u>CAS No.</u>	<u>Wt%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits of Exposure</u>
None					
III. ADVERSE HUMAN HEALTH EFFECTS					
Eyes:	Any eye contact will cause irritation.				
Skin:	Prolonged skin contact will cause irritation.				
Inhalation:	Breathing fumes in confined areas at elevated temperatures will cause lung irritation.				
Ingestion:	Harmful if swallowed.				
IV. FIRST AID MEASURES					
Eyes:	Flush with large amounts of cold water. If irritation persists, SEEK MEDICAL ATTENTION.				
Skin:	Thoroughly wash exposed area with soap and water.				
Inhalation:	Provide fresh air source. If irritation persists, SEEK MEDICAL ATTENTION.				
Ingestion:	Do not induce vomiting. SEEK MEDICAL ATTENTION.				
V. FIRE FIGHTING MEASURES					
Extinguishing Media:	Foam, CO ₂ , Dry Chemical				
Unsuitable Extinguishing Media:	Not Known				
Fire Fighting Protective Equipment:	Treat as an oil fire.				
VI. ACCIDENTAL RELEASE MEASURES					
Personal Precautions:	Wear plastic or neoprene rubber gloves.				
Environmental Precautions:	Do not allow it to enter drains.				
Spillage:	Absorb with dry inert material and shovel up.				
VII. HANDLING AND STORAGE					
Handling:	Keep away from open flame and sparks.				
Storage:	Store in metal containers until disposal.				
VIII. EXPOSURE CONTROL/PERSONAL PROTECTION					
Respiratory Protection:	If product is overheated, use organic NIOSH/MSHA filter-type respirator.				
Hand Protection:	Plastic or Neoprene Rubber				
Eye Protection:	Safety Goggles.				
Body Protection:	None				

HMS SYMBOLS

Health	1
Flammability	1
Reactivity	0
PPI	B

MSDS-476

Effective Date: 2-3-06

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IX. PHYSICAL AND CHEMICAL PROPERTIES			
Physical State:	Grease	Color:	Amber
Boiling Range/point, °F (°C):	N/A	Melting Point, °F (°C):	>340 (>171)
Flash Point (COC), °F (°C):	[>375 (>191) (Base Oils)]	Autoignition Temperature, °F (°C):	Not Known
Explosive Properties:	LEL: N/A	UEL: N/A	Evaporation Rate (Butyl Acetate): N/A
Partition Coefficient (Log Pow):	N/A	Vapor Pressure (kPa):	Nil
Density:	0.91 - 0.95	Flammability:	Not Known
Oxidizing Properties:	Nil	Solubilities in Water:	Nil
		Vapor Density:	N/A
		% Volatiles:	N/A
X. STABILITY AND REACTIVITY			
Stability:	Chemically stable under normal conditions.		
Conditions to Avoid:	Direct flame.		
Materials to Avoid:	Strong inorganic and organic acids and oxidizing agents.		
Decomposition Products:	Oxides of carbon, sulfur, phosphorus, & hydrocarbon.		
XI. TOXICOLOGICAL INFORMATION			
Acute Toxicity:	Not Known	Skin Irritancy:	Very Mild
Chronic Toxicity:	Not Known	Skin Sensitization:	Not Known
Sub-acute/Subchronic Toxicity:	Not Known	Genotoxicity:	Not Known
California Prop 65:	Not Available	EC Classification (67/548/EEC):	No
Carcinogenicity:	NTP: No	IARC:	No
LC-50:	Not Available	OSHA:	No
		LD-50:	Not Available
XII. ECOLOGICAL INFORMATION			
Possible Effects:	Unknown		
Behavior:	Relatively well behaved. Bioaccumulation potential nil.		
Environmental Fate:	Not thought to be toxic to marine or land organisms.		
XIII. WASTE DISPOSAL			
Product Disposal:	Observe all local, state & federal regulations concerning disposal of lubricating grease.		
Container Disposal:	Observe all local, state & federal regulations concerning disposal of lubricating grease.		
XIV. TRANSPORT INFORMATION			
DOT:	Not Regulated	UN No.:	Not Regulated
Air Transport (ICAO/IATA):	Not Regulated		
Sea Transport (IMO/IMDG):	Not Regulated		
Road and Rail Transport (ADR/RID):	Not Regulated		
XV. REGULATORY INFORMATION			
Labeling Information:	N/A	EC Annex 1 Classification:	N/A
R Phrases:	N/A		
S Phrases:	S2 Keep away from children.		
Ozone Depleting Chemicals:	None/Nil	TSCA:	All Components are listed.
WHMIS (Canada):	Not Regulated		
EPA Regulation 40 CFR Part 372 (SARA Section 313):	None		
XVI. OTHER INFORMATION			
None			