

# WHITMORE'S

## MATERIAL SAFETY DATA SHEET

Hazardous according to criteria of Worksafe Australia.

I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY					
Product Name:		Medallion™ Penetrating Oil (Aerosol)		Manufacturer/Supplier: The Whitmore Manufacturing Company 930 Whitmore Drive Rockwall, Texas 75087, U.S.A.	
Chemical Family:		Petroleum Hydrocarbons			
Use:		Penetrating Fluid			
Emergency Tel. No.:		CHEMTREC	U.S.A. & Canada International Australia	800-424-9300 (24 hrs) 703-527-3887 (Collect - 24 hr) 00-111-703-527-3887 (Collect - 24 hr)	
II. COMPOSITION INFORMATION ON INGREDIENTS					
Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Australia TWA
Butane, Propane, Isobutane	106-97-8, 74-98-6, 75-28-5	25-35	1000 ppm	1000 ppm	800 ppm
III. ADVERSE HUMAN HEALTH EFFECTS					
Eyes:	Any eye contact will cause irritation.				
Skin:	Prolonged skin contact may cause irritation.				
Inhalation:	Prolonged breathing of vapors will cause irritation to the respiratory tract, irregular heartbeat and dizziness, weakness, fatigue, nausea, headaches, and possible unconsciousness and even asphyxiation.				
Ingestion:	Ingestion causes gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonia which can be fatal.				
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. If breathing difficulty persists, SEEK IMMEDIATE MEDICAL ATTENTION.				
Ingestion:	Do not induce vomiting. If irritation persists, SEEK MEDICAL ATTENTION.				
V. FIRE FIGHTING MEASURES					
Extinguishing Media:	Foam, Dry Chemical, Carbon Dioxide				
Unsuitable Extinguishing Media:	Not Determined				
Fire Fighting Protective Equipment:	Use OSHA approved self-contained breathing apparatus.				
VI. ACCIDENTAL RELEASE MEASURES					
Personal Precautions:	Wear OSHA approved self-contained breathing apparatus.				
Environmental Precautions:	Observe all local, state, and federal regulations.				
Spillage:	Absorb with dry, inert material and shovel up.				
VII. HANDLING AND STORAGE					
Handling:	Keep away from open flame or sparks. Store in metal containers until disposal.				
Storage:	Store at temperatures below 120°F (49°C).				
VIII. EXPOSURE CONTROL/PERSONAL PROTECTION					
Respiratory Protection:	Wear NIOSH/MSHA organic, filter-type respirator in confined areas or in poor ventilation.				
Hand Protection:	None				
Eye Protection:	Safety Goggles				
Body Protection:	None				

### HMIS SYMBOLS

Health	1
Flammability	4
Reactivity	0
PPI	C

MSDS-109

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IX. PHYSICAL AND CHEMICAL PROPERTIES							
Physical State:	Aerosol	Color:	Water White	Odor:	Hydrocarbons		
Boiling Range/point, °F (°C):	-40 to 293 (-40 to 145)	Melting Point, °F (°C):	N/A				
Flash Point (T.C.C.), °F (°C):	-142 (-97)	Autoignition Temperature, °F (°C):	N/D				
Explosive Properties:	LEL: 1.8 UEL: 9.5	Evaporation Rate (Butyl Acetate):	<0.1				
Partition Coefficient (Log Pow):	N/D	Vapor Pressure (psi):	70 max. (of can)				
Density:	0.88	Flammability:	Flammable				
Oxidizing Properties:	None	Solubilities in Water:	Slight	Vapor Density:	N/D	% Volatiles:	<35
X. STABILITY AND REACTIVITY							
Stability:	Store below 120°F (49°C).						
Conditions to Avoid:	Powerful sources of ignition and extreme temperatures.						
Materials to Avoid:	Strong oxidizing agents.						
Decomposition Products:	CO, CO <sub>2</sub> , and oxides of carbon.						
XI. TOXICOLOGICAL INFORMATION							
Acute Toxicity:	N/A		Skin Irritancy:	Causes irritation.			
Chronic Toxicity:	N/A		Skin Sensitization:	N/A			
Sub-acute/Subchronic Toxicity:	Not Known		Genotoxicity:	Not Known			
California Prop 65:	Not Available		EC Classification (67/548/EEC):	R12/20			
Carcinogenicity:	NTP:	No	IARC:	No	OSHA:	No	
LC-50:	N/D		LD-50:	N/D			
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. Fluid is lower density than water.						
XIII. WASTE DISPOSAL							
Product Disposal:	Contact waste disposal company or local authority for advice.						
Container Disposal:	Observe all local, state, and federal regulations.						
XIV. TRANSPORT INFORMATION							
DOT:	ORM - D			UN No.:	1950		
Air Transport (ICAO/IATA):	Aerosols, Flammable, Class 2.1, UN 1950, ERG # 126						
Sea Transport (IMO/IMDG):	Aerosols, Flammable, Class 2.1, UN 1950, ERG # 126						
Road and Rail Transport (ADR/RID):	Aerosols, Flammable, Class 2.1, UN 1950, ERG # 126						
XV. REGULATORY INFORMATION							
Labeling Information:	DOT - None			EC Annex 1 Classification:	R12/20		
	All Others - "Flammable Gas"						
R Phrases:	R12/20 Extremely flammable and harmful by inhalation.						
S Phrases:	S-3 Keep in a cool place; S-2 Keep away from children.						
Ozone Depleting Chemicals:	None/Nil			TSCA:	All Components are listed.		
WHMIS (Canada):	Aerosols, Flammable, Class 2.1, UN 1950, ERG # 126						
EPA Regulation 40 CFR Part 372 (SARA Section 313):	None.						
XVI. OTHER INFORMATION							
None							