

WHITMORE'S

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY					
Product Name:	Bright Knight™ Gold 50	Manufacturer/Supplier:		The Whitmore Manufacturing Company	
Chemical Family:	Terpene & Aliphatic Hydrocarbon	Use:		Industrial Cleaner	
Emergency Tel. No.:	CHEMTREC	U.S.A. & Canada	800-424-9300 (24 hrs)	Rockwall, Texas 75087, U.S.A.	
		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>
Aliphatic Hydrocarbons*	64742-48-9	40-50	N/D	100 ppm	N/D
Terpene Hydrocarbons	5989-27-5	40-60	N/D	N/D	N/D
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	2
Reactivity	0
PPI	G

MSDS-121

Effective Date: 1-26-98

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IX. PHYSICAL AND CHEMICAL PROPERTIES			
Physical State:	Liquid	Color:	Colorless
Boiling Range/point, °F (°C):	310 (154)	Melting Point, °F (°C):	N/A
Flash Point (TCC), °F (°C):	115 (46)	Autoignition Temperature, °F (°C):	N/D
Explosive Properties:	LEL: 1.4 UEL: 11.4	Evaporation Rate (Butyl Acetate):	<0.1
Partition Coefficient (Log Pow):	N/D	Vapor Pressure (mmHg):	1 @ 68°F
Density:	0.80	Flammability:	Flammable
Oxidizing Properties:	Nil	Solubilities in Water:	Slight
Vapor Density:	5.4	% Volatiles:	95
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 and sulfur.		
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	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.		
XIII. WASTE DISPOSAL			
Product Disposal:	Observe all local, state & federal regulations.		
Container Disposal:	Observe all local, state & federal regulations.		
XIV. TRANSPORT INFORMATION			
DOT:	Terpene Hydrocarbons, N.O.S. (Natural Citrus Oil), Class 3, UN 2319, PG III, ERG #128.	UN No.:	2319
Air Transport (ICAO/IATA):	Terpene Hydrocarbons, N.O.S. (Natural Citrus Oil), Class 3, UN 2319, PG III, ERG #128.		
Sea Transport (IMO/IMDG):	Terpene Hydrocarbons, N.O.S. (Natural Citrus Oil), Class 3, UN 2319, PG III, ERG #128.		
Road and Rail Transport (ADR/RID):	Terpene Hydrocarbons, N.O.S. (Natural Citrus Oil), Class 3, UN 2319, PG III, ERG #128.		
XV. REGULATORY INFORMATION			
Labeling Information:	Flammable	EC Annex 1 Classification:	N/D
R Phrases:	R22 Harmful if swallowed.		
S Phrases:	S2 Keep away from children.		
Ozone Depleting Chemicals:	None		
WHMIS (Canada):	Flammable Liquid, N.O.S. (petroleum distillate solution), Class 3, UN 1993, PG II, ERG #128.		
TSCA:	All Components are listed.		
EPA Regulation 40 CFR Part 372 (SARA Section 313):	See Section II for ingredient with asterisk.		
XVI. OTHER INFORMATION			
None			