

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

| | |
|------------|---|
| | 1 |
| | 2 |
| Reactivity | 0 |
| PPI | G |

MSDS-121

Effective Date: 1-26-98

Revised Date: 9-22-09

| 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 |
| LC-50: | N/D | OSHA: | No |
| | | 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 | TSCA: | All Components are listed. |
| WHMIS (Canada): | Flammable Liquid, N.O.S. (petroleum distillate solution), Class 3, UN 1993, PG II, ERG #128. | | |
| EPA Regulation 40 CFR Part 372 (SARA Section 313): | See Section II for ingredient with asterisk. | | |
| XVI. OTHER INFORMATION | | | |
| None | | | |