

# WHITMORE'S

## MATERIAL SAFETY DATA SHEET

|  |   |   |                                       |                  |                                 |
|--|---|---|---------------------------------------|------------------|---------------------------------|
| <b>I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY</b> |   |   |                                       |                  |                                 |
| <b>Product Name:</b>   | <b>Sure-Film™ LF</b>  | <b>Manufacturer/Supplier:</b>                       |                                       |                  |                                 |
| <b>Chemical Family:</b>                                      | Petroleum Hydrocarbon   | The Whitmore Manufacturing Company                  |                                       |                  |                                 |
| <b>Use:</b>  | Multipurpose Lubricant  | 930 Whitmore Drive<br>Rockwall, Texas 75087, U.S.A. |                                       |                  |                                 |
| <b>Emergency Tel. No.:</b>                                   | 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) |                  |                                 |
| <b>II. COMPOSITION INFORMATION ON INGREDIENTS</b>            |   |   |                                       |                  |                                 |
| <b>Hazardous Components</b>                                  | <b>CAS No.</b>  | <b>Wt%</b>  | <b>OSHA PEL</b>                       | <b>ACGIH TLV</b> | <b>Other Limits of Exposure</b> |
| None   |   |   |                                       |                  |                                 |
| <b>III. ADVERSE HUMAN HEALTH EFFECTS</b>                     |   |   |                                       |                  |                                 |
| <b>Eyes:</b>   | Any eye contact will cause irritation.  |   |                                       |                  |                                 |
| <b>Skin:</b>   | Prolonged skin contact may cause irritation.  |   |                                       |                  |                                 |
| <b>Inhalation:</b>   | Prolonged breathing of vapors will cause irritation.                                    |   |                                       |                  |                                 |
| <b>Ingestion:</b>  | Harmful if swallowed.   |   |                                       |                  |                                 |
| <b>IV. FIRST AID MEASURES</b>                                |   |   |                                       |                  |                                 |
| <b>Eyes:</b>   | Flush with large amounts of cold water. If irritation persists, SEEK MEDICAL ATTENTION. |   |                                       |                  |                                 |
| <b>Skin:</b>   | Thoroughly wash exposed area with soap and water.                                       |   |                                       |                  |                                 |
| <b>Inhalation:</b>   | Provide fresh air. If breathing difficulty persists, SEEK IMMEDIATE MEDICAL ATTENTION.  |   |                                       |                  |                                 |
| <b>Ingestion:</b>  | If cathartic effect persists, SEEK MEDICAL ATTENTION.                                   |   |                                       |                  |                                 |
| <b>V. FIRE FIGHTING MEASURES</b>                             |   |   |                                       |                  |                                 |
| <b>Extinguishing Media:</b>                                  | Foam, Dry Chemical, Carbon Dioxide  |   |                                       |                  |                                 |
| <b>Unsuitable Extinguishing Media:</b>                       | Not Known   |   |                                       |                  |                                 |
| <b>Fire Fighting Protective Equipment:</b>                   | Use organic NIOSHA/MSHA filter-type respirator.   |   |                                       |                  |                                 |
| <b>VI. ACCIDENTAL RELEASE MEASURES</b>                       |   |   |                                       |                  |                                 |
| <b>Personal Precautions:</b>                                 | Wear plastic or neoprene rubber gloves and safety goggles.                              |   |                                       |                  |                                 |
| <b>Environmental Precautions:</b>                            | Do not allow it to enter drains.  |   |                                       |                  |                                 |
| <b>Spillage:</b>   | Absorb with dry, inert material and shovel up.  |   |                                       |                  |                                 |
| <b>VII. HANDLING AND STORAGE</b>                             |   |   |                                       |                  |                                 |
| <b>Handling:</b>   | Keep away from open flame or sparks.  |   |                                       |                  |                                 |
| <b>Storage:</b>  | Keep away from open flame or sparks.  |   |                                       |                  |                                 |
| <b>VIII. EXPOSURE CONTROL/PERSONAL PROTECTION</b>            |   |   |                                       |                  |                                 |
| <b>Respiratory Protection:</b>                               | If overheated, use organic NIOSHA/MSHA filter-type respirator.                          |   |                                       |                  |                                 |
| <b>Hand Protection:</b>                                      | Protective gloves for hypersensitive persons.   |   |                                       |                  |                                 |
| <b>Eye Protection:</b>                                       | Safety Goggles  |   |                                       |                  |                                 |
| <b>Body Protection:</b>                                      | None  |   |                                       |                  |                                 |

|   |        |                                |       |              |           |
|---|--------|--------------------------------|-------|--------------|-----------|
| <b>IX. PHYSICAL AND CHEMICAL PROPERTIES</b> |        |                                |       |              |           |
| <b>Physical State:</b>                      | Grease | <b>Color:</b>                  | Amber | <b>Odor:</b> | Petroleum |
| <b>Boiling Range/point, °F (°C):</b>        | N/A    | <b>Melting Point, °F (°C):</b> | N/A   |              |           |

### HMIS SYMBOLS

|              |   |
|--------------|---|
| Health       | 1 |
| Flammability | 1 |
| Reactivity   | 0 |
| PPI          | B |

MSDS-347

Effective Date: 2-6-02

Revised Date: 8-3-06

|   |                   |   |             |
|---|-------------------|---|-------------|
| <b>Flash Point (COC), °F (°C):</b>      | >350 (>176)       | <b>Autoignition Temperature, °F (°C):</b> | >600 (>316) |
| <b>Explosive Properties:</b>            | LEL: N/A UEL: N/A | <b>Evaporation Rate (Butyl Acetate):</b>  | N/A         |
| <b>Partition Coefficient (Log Pow):</b> | N/A               | <b>Vapor Pressure (kPa):</b>              | Nil         |
| <b>Density:</b>                         | <1.0              | <b>Flammability:</b>                      | N/A         |
| <b>Oxidizing Properties:</b>            | None              | <b>Solubilities in Water:</b>             | Nil         |
|   |                   | <b>Vapor Density:</b>                     | N/A         |
|   |                   | <b>% Volatiles:</b>                       | Nil         |

|                                       |  |  |               |
|---------------------------------------|--|--|---------------|
| <b>X. STABILITY AND REACTIVITY</b>    |  |  |               |
| <b>Stability:</b>                     | Chemically stable under normal conditions.             |  |               |
| <b>Conditions to Avoid:</b>           | Powerful sources of ignition and extreme temperatures. |  |               |
| <b>Materials to Avoid:</b>            | Strong oxidizing agents.                               |  |               |
| <b>Decomposition Products:</b>        | CO <sub>2</sub> , CO, SO <sub>2</sub>                  |  |               |
| <b>XI. TOXICOLOGICAL INFORMATION</b>  |  |  |               |
| <b>Acute Toxicity:</b>                | Not Known  | <b>Skin Irritancy:</b>                 | Very Mild     |
| <b>Chronic Toxicity:</b>              | Not Known  | <b>Skin Sensitization:</b>             | None          |
| <b>Sub-acute/Subchronic Toxicity:</b> | Not Known  | <b>Genotoxicity:</b>                   | Not Known     |
| <b>California Prop 65:</b>            | N/A  | <b>EC Classification (67/548/EEC):</b> | N/A           |
| <b>Carcinogenicity:</b>               | NTP: No  | <b>IARC:</b>                           | No            |
|                                       |  | <b>OSHA:</b>                           | No            |
| <b>LC-50:</b>                         | Not Available  | <b>LD-50:</b>                          | Not Available |

|                                    |   |
|------------------------------------|---|
| <b>XII. ECOLOGICAL INFORMATION</b> |   |
| <b>Possible Effects:</b>           | Not Known   |
| <b>Behavior:</b>                   | Relatively well behaved. Bioaccumulation potential nil. |
| <b>Environmental Fate:</b>         | Not thought to be toxic to marine or land organisms.    |

|                             |   |
|-----------------------------|---|
| <b>XIII. WASTE DISPOSAL</b> |   |
| <b>Product Disposal:</b>    | Contact waste disposal company or local authority for advice. |
| <b>Container Disposal:</b>  | Observe all local, state, and federal regulations.            |

|   |               |                |               |
|---|---------------|----------------|---------------|
| <b>XIV. TRANSPORT INFORMATION</b>         |               |                |               |
| <b>DOT:</b>                               | Not Regulated | <b>UN No.:</b> | Not Regulated |
| <b>Air Transport (ICAO/IATA):</b>         | Not Regulated |                |               |
| <b>Sea Transport (IMO/IMDG):</b>          | Not Regulated |                |               |
| <b>Road and Rail Transport (ADR/RID):</b> | Not Regulated |                |               |

|   |                                       |                                   |                        |
|---|---------------------------------------|-----------------------------------|------------------------|
| <b>XV. REGULATORY INFORMATION</b>                         |                                       |                                   |                        |
| <b>Labeling Information:</b>                              | Not Regulated                         | <b>EC Annex 1 Classification:</b> | N/A                    |
| <b>R Phrases:</b>   | N/A                                   |                                   |                        |
| <b>S Phrases:</b>   | S2 Keep our of the reach of children. |                                   |                        |
| <b>Ozone Depleting Chemicals:</b>                         | None/Nil                              | <b>TSCA:</b>                      | All components listed. |
| <b>WHMIS (Canada):</b>                                    | Not Regulated                         |                                   |                        |
| <b>EPA Regulation 40 CFR Part 372 (SARA Section 313):</b> | None                                  |                                   |                        |

|                               |  |
|-------------------------------|--|
| <b>XVI. OTHER INFORMATION</b> |  |
| None                          |  |