

MATERIAL SAFETY DATA SHEET  
In compliance with  
Federal regulations: CFR 29 and 42  
State: Illinois Public Act 83-240

Valve Oil & Slide Oil  
Effective Date: October 2006

### SECTION I – Chemical Product & Company Identification

Manufacturer: Kafko International, Ltd.  
Address: 3555 W. Howard, Skokie, IL 60076-4012  
Phone: (847) 763-0333  
Fax: (847) 763-0334  
Emergency Contact: Chemtrec (800) 434-9300  
Common Name: Valve Oil & Slide Oil  
Formula: Aliphatic Cyclic Hydrocarbons  
CAS #: 64742-47-8

### SECTION 2 - Composition

|  |                |       |
|--|----------------|-------|
| Hydrotreated Light Distillates (Petroleum) | CAS 64742-47-8 | < 95% |
|--|----------------|-------|

### SECTION 3 – Hazard Identification

#### Emergency Overview

- \* Warning Combustible Liquid and Vapor
- \* This product will float on water
- \* This product is combustible – KEEP AWAY FROM IGNITION SOURCES
- \* Warning – when burned this product will produce carbon monoxide
- \* Avoid prolonged breathing of vapors
- \* Aspiration hazard if swallowed
- \* Use adequate ventilation to keep vapors below recommended exposure limits
- \* Spilled materials will be slippery
- \* Avoid contact with skin, eyes and mucous membranes. Unprotected exposures may result in dryness. Rinse affected areas with a gentle stream of water.
- \* Remove product soaked clothing
- \* Avoid strong oxidizers
- \* This product is readily biodegradable when exposed to sunlight and air

#### Potential Health Hazards:

##### Primary Routes if Entry: - SKIN

Skin – redness or dryness may occur, upon prolonged exposure chronic dermatitis is possible

Eyes - tests on similar materials indicate acute irritation to be expected

Ingestion – ACUTE ASPIRATION HAZARD. Additional possible symptoms are; Headache, nausea, drowsiness, fatigue, pneumonitis, pulmonary adema, central nervous system depression, convulsions, and loss of consciousness

Inhalation- Tests on similar materials indicate the possibility of:  
Headache, nausea, drowsiness, fatigue, pneumonitis, pulmonary adema,  
central nervous system depression, convulsions, and loss of  
consciousness

Chronic - Prolonged exposure may result in skin irritation and inflammation

This product is not considered a carcinogen IARC, OSHA, ACGIH or the National  
Toxicology Program.

Medical Conditions Aggravated by This Product- Person predisposed to skin sensitivity  
should avoid the use of this product.

#### SECTION 4 – FIRST AID INFORMATION

Eyes & Skin: Flush affected areas immediately with water. If contact with eyes, gently  
flush under lids. Flush areas for 15 minutes. Get medical attention.

Ingestion: SEEK IMMEDIATE MEDICAL ATTENTION. Do not induce vomiting.

Inhalation: Remove patient to fresh air and consult a physician.

#### SECTION 5 – FIRE FIGHTING INFORMATION

|                           |   |
|---------------------------|---|
| Flash Point (Method Used) | >144 F (Close Cup)  |
| Dot Hazard:               | Combustible Liquid  |
| Extinguishing Media:      | Foam, Carbon Dioxide, Water Spray, Dry Chemical                 |
| Fire Fighting Procedures: | Stop Source Of Fuel, Keep Exposed Equipment Cool<br>Water Spray |

#### SECTION 6 – SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released or Spilled:  
Eliminate All Ignition Sources. Contain The Spill. Prevent Material From Entering  
Sewers, Drains, Or Waterways.

Waste Disposal Method: May be picked up with Solid Absorbent. Dispose in  
accordance with State & Federal regulations

#### SECTION 7 – Handling and Storage

Store large quantities in accordance with OSHA Class IIIB combustible liquids. Keep  
away from all sources of ignition. Empty containers may contain vapors.  
Store materials at ambient temperatures and at atmospheric pressure.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Use adequate ventilation to keep vapors below recommended limits.

### EYE/FACE PROTECTION:

Wear safety glasses, splash goggles or face shields. Have a suitable eye wash station nearby.

### SKIN PROTECTION:

If prolonged exposures are anticipated wear protective gloves of neoprene, nitrile, viton. Chemical aprons or suits are recommended when handling large quantities of this product.

## SECTION 9 – PHYSICAL PROPERTIES

|                      |                            |
|----------------------|----------------------------|
| Appearance:          | Clear Liquid               |
| Odor:                | Light bland petroleum odor |
| Boiling Point:       | Initial > 350 F            |
| Vapor Pressure       | 0.00083 psia @ 68 F        |
| Vapor Density        | (Air=1) 6.3                |
| Solubility In Water: | Negligible                 |

## SECTION 10 – REACTIVITY DATA

This product is stable under normal conditions.

Conditions To Avoid: Extreme Heat, Sources of Ignition, Contact with Strong Oxidizers

Hazardous Decomposition: Incomplete combustion may produce carbon monoxide and other asphyxiates

Hazardous Polymerization will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Ocular and Dermal Studies show irritation to eyes and skin.

Acute Oral Studies indicate an order of acute oral toxicity

Acute Inhalation Studies indicate acute toxicity upon inhalation

Prolonged dermal contact may defat the skin.

## SECTION 12 – ECOLOGICAL INFORMATION

If applied to vegetation, this product may kill grasses and small plants. This product is

not toxic to fish but may coat gill structures if spilled in large quantities into waterways. This product may cause gastrointestinal distress to birds and mammals through ingestion.

This product is readily biodegradable in aerobic environments where temperatures exceed 70 F.

#### SECTION 13 – DISPOSAL CONSIDERATIONS

Do not dispose of this product in drains or storm sewers. Do not dispose of this product in landfills without prior solidification.

#### SECTION 14 – TRANSPORTATION INFORMATION

This product is not regulated by the US Department of Transportation

#### SECTION 15 – REGULATORY INFORMATION

This product is not subject to SARA 302, SARA 304, or SARA 313 or CERCLA reporting. The components used in this product are listed on the EPA/TSCA Inventory of Chemicals, Canadian DSL list, and the European Inventory of Existing Chemicals.