

# Material Safety Data Sheet

## Section 1 Product and Company Identification

Product Name:

**LIFTER WIPES**

**70 and 20 count Buckets Only**

Revision #: 2.0

Date Prepared: March 10, 1997

Date Revised: June 14, 2001

Manufacturer:

**LA-CO INDUSTRIES, Inc.** *Markal Co.*

1201 Pratt Blvd.

Elk Grove Village, IL, USA 60007-5746

Information Telephone: 847-956-7600

Emergency Telephone: Call CHEMTREC

USA 800-424-9300

International (Call Collect) 1-703-527-3887

Chemical Formula: Mixture

CAS No.: Not Applicable. Derivation: Not Applicable.

Synonyms: Not Applicable.

General Use: Hand Cleaner

Supplier/Importer:

## Section 2 Composition/Information on Ingredients

Ingredient

CAS No.

%

No Hazardous ingredients according to the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200, Canadian WHMIS regulations, British CHIP2 regulation 6, and Australian Regulations for the Control of Workplace Hazardous Substances.

(For Section 2 footnotes: See Section 15)

## Section 3 Hazards Identification

**EMERGENCY OVERVIEW:** CAUTION: May cause eye irritation. PRECAUTIONARY MEASURES: Do not allow towel contact with eyes. For external use only. Not for use around the mouth or eyes for an extended period of time. Do not smoke while using. Do not contaminate water, food or feed by use or storage. Keep out of reach of children. Keep container tightly sealed when not in use. Read and follow label directions carefully. FIRST AID: Eyes – Flush with plenty of water for at least 15 minutes, lifting eyelids to insure complete removal. If irritation persists, obtain medical attention. Ingestion – Contact physician or poison control center immediately. Give affected person several glasses of water and induce vomiting. Never give anything by mouth to an unconscious person.

### POTENTIAL HEALTH EFFECTS

**Primary Exposure Routes:** Eyes, Ingestion

#### Acute Effects

**Eyes:** Mild irritation and redness.

**Skin:** Not applicable.

**Ingestion:** Gastrointestinal irritation, nausea, cramps, vomiting,

**Inhalation:** Not applicable.

#### Chronic Effects

**Eyes:** Not Determined.

**Skin:** Not Applicable.

**Ingestion:** Not Determined.

**Inhalation:** Not Determined.

**Carcinogenicity:** Not Applicable.

**Target Organ Effects:** Not Applicable.

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**Medical Conditions Aggravated by Long-Term Exposure:** Pre-existing skin conditions such as dermatitis may be adversely affected by this and other oil and grease effective cleaners.

**Other Information:** Not Applicable.

## Section 4

### First Aid

**Eye Contact:** Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. If irritation persists, obtain medical attention.

**Skin Contact:** None usually required. Material is designed for skin cleansing.

**Ingestion:** Contact physician or poison control center immediately. Give affected person several glasses of water and induce vomiting. Never give anything by mouth to an unconscious person.

**Inhalation:** Unlikely route as liquid is impregnated on a towel, minimizing exposure via this route.

**Other Information:** Not applicable.

## Section 5

### Fire Fighting Measures

**Flash Point (method):** None to boiling, liquid only (TCC)

**Autoignition Temperature:** Not Determined.

**LEL:** Not Determined. **UEL:** Not Determined.

**Flammability Classification:** Not Determined.

**Extinguishing Media:** Carbon dioxide, dry chemical, foam, fog or water spray.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide, smoke and soot.

**Unusual Fire or Explosion Hazards:** None Known.

**Fire-Fighting Instructions/Equipment:** Keep personnel removed and upwind of any fire. Wear full fire-fighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

## Section 6

### Accidental Release Measures

CAUTION, slip hazard. Use recommended personal protective equipment (see Section 8). Flush affected area with water.

## Section 7

### Handling and Storage

**Handling Precautions:** Use recommended personal protective equipment (see Section 8).

**Storage Requirements:** Store away from incompatible chemicals (see Sec. 10). Store in a cool, dry area. Protect from freezing. Keep container tightly closed when not in use.

## Section 8

### Exposure Controls/Personal Protection

**Eye/Face Protection:** Safety glasses recommended.

**Skin/Hand Protection:** Not applicable.

**Respiratory Protection:** Not applicable.

**Other Equipment:** Eye wash.

**Engineering Controls:** Normal room ventilation. Local exhaust in confined areas.

**Administrative Controls:** Users of this product must be properly trained and qualified in its use.

**Other Information:** Not applicable.

## Section 9

### Physical and Chemical Properties

Product Name:

# LIFTER WIPES

70 and 20 count Buckets Only

Revision #: 2.0

Date Prepared: March 10, 1997

Date Revised: June 14, 2001

**Appearance/Physical State:** Light green cloth impregnated with a clear, water-white liquid.

**Odor:** Citrus scent.

**Odor Threshold (ppm):** Not Determined.

**Specific Gravity (H<sub>2</sub>O = 1):** 0.995

**Solubility - Water:** Soluble

- Fat: Partially Soluble

**Coefficient of Water/Oil Solubility:** >1

**Partition Coefficient (n-octanol/water):** <1

**pH:** 9.5 – 10.0

**Melting Point:** Not Determined.

**Boiling Point:** 212°F/100°C

**Vapor Pressure (mm Hg at 20°C):** Not Determined.

**Vapor Density (Air = 1):** >1

**Evaporation Rate (n-BuAc=1):** <1

**V.O.C. (U.S. Clean Air Act Section 111):** 0%

**Flash Point (method):** (see Section 5)

**Autoignition Temperature:** (see Section 5)

**Flammability Classification:** (see Section 5)

**Unusual Fire or Explosion Hazards:** (see Section 5)

**Oxidizing Properties:** Not Applicable.

**Other Information:** None.

## Section 10

## Stability and Reactivity

**Chemical Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Not applicable.

**Chemicals to Avoid:** Strong oxidizers and acids.

**Hazardous Decomposition Products (non-thermal):** Not Determined.

## Section 11

## Toxicological Information

**Sensitization to Product:** Not Applicable.

**Irritancy of Product:** Eye irritant.

**Reproductive Toxicity:** Not Applicable.

**Teratogenicity:** Not Applicable.

**Mutagenicity:** Not Applicable.

Further hazard information, if applicable, may be found in Section 3. Toxicological information regarding individual ingredients, if applicable, may be found in Section 2.

## Section 12

## Ecological Information

**Mobility:** Not Determined.

**Degradability:** Not Determined.

**Accumulation:** Not Determined.

**Ecotoxicity:** Not Determined.

**Other Adverse Effects:** Not Determined.

## Section 13

## Disposal Considerations

Product Name:

# LIFTER WIPES

70 and 20 count Buckets Only

Revision #: 2.0

Date Prepared: March 10, 1997

Date Revised: June 14, 2001

Dispose of in accordance with applicable federal, state, and local regulations. Discard empty container or offer for reuse or recycling.

## Section 14

## Transport Information

### U.S. D.O.T.

**Proper Shipping Name:** Not Regulated.

**Hazard Class or Division:** Not Regulated.

**I.D. Number:** Not Regulated.

**CANADIAN TDG:** Not Regulated.

**IATA:** Not Regulated.

**ICAO:** Not Regulated.

**IMO:** Not Regulated.

**Australian Code for the Transport of Dangerous Goods**

**Dangerous Goods Class and Subsidiary Risk:** Not Determined.

## Section 15

## Regulatory Information

### Footnotes for Section 2:

- 1 Subject to the reporting requirements of SARA Title III, Section 313.
- 2 Appears on the California Safe Drinking Water and Toxic Enforcement Act Substances List.
- 3 Appears on the Massachusetts Substances List.
- 4 Appears on the New Jersey Right-To-Know Hazardous Substances List.
- 5 Appears on the Pennsylvania Hazardous Substances List.
- 6 Appears on the Canadian WHMIS Ingredient Disclosure List.

### U.S.A.

**OSHA Hazard Status:** This product is not considered to be hazardous as defined by the U.S. OSHA HCS (29 CFR 1910.1200).

**EPA SARA sec. 311/312 Hazard Categories:** None.

**Toxic Substances Control Act (TSCA):** All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.

**HMIS Rating:** Health 0, Flammability 1, Reactivity 0

**NFPA Rating:** Health 1, Flammability 1, Reactivity 0

### CANADA

**WHMIS Status:** This product is not considered to be hazardous as defined by Canadian WHMIS Controlled Products Regulations.

**WHMIS Rating:** None

**WHMIS Risk Phrases:** None

**WHMIS Precautionary Statements:** None

**Domestic Substances List (DSL):** All ingredients contained in this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).

### E.U.

**European Inventory of Existing Chemical Substances (EINECS):** All ingredients contained in this product are listed on the European Inventory of Existing Chemical Substances (EINECS).

**CHIP 2 Categories of Danger (England):** None

### AUSTRALIA

**Worksafe Australia Status:** Not Determined.

**HAZCHEM Code (Australia):** Not Determined.

**Poisons Schedule Number (Australia):** Not Determined.

Product Name:

# LIFTER WIPES

**70 and 20 count Buckets Only**

Revision #: 2.0

Date Prepared: March 10, 1997

Date Revised: June 14, 2001

Further regulatory information regarding individual ingredients, if applicable, may be found in Section 2.

This product has been classified in accordance with the hazard criteria of the U.S. OSHA Hazard Communication Standard, the Canadian WHMIS Controlled Products Regulations, the British CHIP2 regulation 6, and the Australian NMRCWHS. This MSDS contains the information required by the above regulations and conforms to ANSI Z400.1-1993.

## Section 16

## Other Information

MSDS Prepared By: Director of Chemical Safety

**The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, LA-CO Industries, Inc. makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will LA-CO Industries, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.**

# Material Safety Data Sheet

## Section 1 Product and Company Identification

Product Name:

**LIFTER WIPES**

72 count Bucket and 10 count Packet Only. No Longer Manufactured.

Revision #: 2.0

Date Prepared: March 10, 1997

Date Revised: ????????????????????

Manufacturer:

**LA-CO INDUSTRIES, Inc.** *Markal Co.*

1201 Pratt Blvd.

Elk Grove Village, IL, USA 60007-5746

Information Telephone: 847-956-7600

Emergency Telephone: Call CHEMTREC

USA 800-424-9300

International (Call Collect) 1-703-527-3887

Chemical Formula: Mixture

CAS No.: Not Applicable. Derivation: Not Applicable.

Synonyms: Not Applicable.

General Use: Hand Cleaner

Supplier/Importer:

## Section 2 Composition/Information on Ingredients

**Ingredient**

Adepsine Oil<sup>3,4,5,6</sup>

OSHA PEL 100 ppm

ACGIH-TLV 100 ppm

**CAS No.**

8052-41-3

**%**

(For Section 2 footnotes: See Section 15)

## Section 3 Hazards Identification

**EMERGENCY OVERVIEW:** CAUTION: May cause eye irritation. PRECAUTIONARY MEASURES: Do not allow towel contact with eyes. For external use only. Not for use around the mouth or eyes for an extended period of time. Do not smoke while using. Do not contaminate water, food or feed by use or storage. Keep out of reach of children. Keep container tightly sealed when not in use. Read and follow label directions carefully.

### POTENTIAL HEALTH EFFECTS

**Primary Exposure Routes:** Eyes, ingestion

#### Acute Effects

**Eyes:** Redness, tearing or burning eyes.

**Skin:** Not applicable.

**Ingestion:** Irritation of the throat or stomach, nausea, vomiting, and diarrhea if swallowed.

**Inhalation:** Not applicable.

#### Chronic Effects

**Eyes:** Not Determined.

**Skin:** Not applicable.

**Ingestion:** Not Determined.

**Inhalation:** Not Determined.

**Carcinogenicity:** Not Applicable.

**Target Organ Effects:** Not Applicable.

**Medical Conditions Aggravated by Long-Term Exposure:** Pre-existing skin conditions such as dermatitis may be adversely affected by this and other oil and grease effective cleaners.

**Other Information:** Not Applicable.

Product Name:

# LIFTER WIPES

72 count Bucket and 10 count Packet Only. No Longer Manufactured.

Revision #: 2.0

Date Prepared: March 10, 1997

Date Revised: ????????????????????

## Section 4

### First Aid

**Eye Contact:** Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately.

**Skin Contact:** None usually required. Material is designed for skin cleansing.

**Ingestion:** Not a likely exposure route. If a large quantity of liquid is swallowed, DO NOT induce vomiting, call a physician or poison control center immediately.

**Inhalation:** Unlikely route as liquid is impregnated on a towel, minimizing exposure via this route.

**Other Information:** Not applicable.

## Section 5

### Fire Fighting Measures

**Flash Point (method):** None to boiling, liquid only (TCC)

**Autoignition Temperature:** Not Determined.

**LEL:** Not Determined. **UEL:** Not Determined.

**Flammability Classification:** Not Determined.

**Extinguishing Media:** Carbon dioxide, dry chemical, foam, fog or water spray.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide, hydrogen sulfide, sulfur dioxide, smoke and soot.

**Unusual Fire or Explosion Hazards:** None Known.

**Fire-Fighting Instructions/Equipment:** Keep personnel removed and upwind of any fire. Wear full fire-fighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

## Section 6

### Accidental Release Measures

CAUTION, slip hazard. Use recommended personal protective equipment (see Section 8).

**Small Spill:** Wipe up with a dry absorbent cloth.

**Large Spill:** Prevent material from entering sewers or drains. Ventilate area and block traffic. Pick up and put in suitable container for proper disposal.

## Section 7

### Handling and Storage

**Handling Precautions:** Use recommended personal protective equipment (see Section 8).

**Storage Requirements:** Store away from incompatible chemicals (see Sec. 10). Store in a cool, dry area.

## Section 8

### Exposure Controls/Personal Protection

**Eye/Face Protection:** Safety glasses recommended.

**Skin/Hand Protection:** Not applicable.

**Respiratory Protection:** Not applicable.

**Other Equipment:** Eye wash.

**Engineering Controls:** Normal room ventilation. Local exhaust in confined areas.

**Administrative Controls:** Users of this product must be properly trained and qualified in its use.

**Other Information:** Not applicable.

## Section 9

### Physical and Chemical Properties

**Appearance/Physical State:** Opaque white liquid saturated onto towels.

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Date Prepared: March 10, 1997

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**Odor:** Citrus scent.

**Odor Threshold (ppm):** Not Determined.

**Specific Gravity (H<sub>2</sub>O = 1):** 0.97

**Solubility - Water:** Dispersible

- Fat: Soluble

**Coefficient of Water/Oil Solubility:** <1

**Partition Coefficient (n-octanol/water):** >1

**pH:** 8.25 ± 0.5

**Melting Point:** Not Determined.

**Boiling Point:** 212°F/100°C initial

**Vapor Pressure (mm Hg at 20°C):** Not Determined.

**Vapor Density (Air = 1):** >1

**Evaporation Rate (n-BuAc=1):** Not Determined.

**V.O.C.:** 40%(w/w), 3.23 lbs./gal.(U.S.), 0.39 kg/l

**Flash Point (method):** (see Section 5)

**Autoignition Temperature:** (see Section 5)

**Flammability Classification:** (see Section 5)

**Unusual Fire or Explosion Hazards:** (see Section 5)

**Oxidising Properties:** Not Applicable.

**Other Information:** None.

## Section 10

## Stability and Reactivity

**Chemical Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Not applicable.

**Chemicals to Avoid:** Strong oxidizers and acids.

**Hazardous Decomposition Products (non-thermal):** Not Determined.

## Section 11

## Toxicological Information

**Sensitization to Product:** Not Applicable.

**Irritancy of Product:** Eye irritant.

**Reproductive Toxicity:** Not Applicable.

**Teratogenicity:** Not Applicable.

**Mutagenicity:** Not Applicable.

Further hazard information, if applicable, may be found in Section 3. Toxicological information regarding individual ingredients, if applicable, may be found in Section 2.

## Section 12

## Ecological Information

**Mobility:** Not Determined.

**Degradability:** Not Determined.

**Accumulation:** Not Determined.

**Ecotoxicity:** Not Determined.

**Other Adverse Effects:** Not Determined.

## Section 13

## Disposal Considerations

Dispose of in accordance with applicable federal, state, and local regulations. Discard empty container



Product Name:

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**72 count Bucket and 10 count Packet Only. No Longer Manufactured.**

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or offer for reuse or recycling.

## Section 14

## Transport Information

**U.S. D.O.T.**

**Proper Shipping Name:** Not Regulated.

**Hazard Class or Division:** Not Regulated.

**I.D. Number:** Not Regulated.

**CANADIAN TDG:** Not Regulated.

**IATA:** Not Regulated.

**ICAO:** Not Regulated.

**IMO:** Not Regulated.

**Australian Code for the Transport of Dangerous Goods**

**Dangerous Goods Class and Subsidiary Risk:** Not Determined.

## Section 15

## Regulatory Information

**Footnotes for Section 2:**

- 1 Subject to the reporting requirements of SARA Title III, Section 313.
- 2 Appears on the California Safe Drinking Water and Toxic Enforcement Act Substances List.
- 3 Appears on the Massachusetts Substances List.
- 4 Appears on the New Jersey Right-To-Know Hazardous Substances List.
- 5 Appears on the Pennsylvania Hazardous Substances List.
- 6 Appears on the Canadian WHMIS Ingredient Disclosure List.

### U.S.A.

**OSHA Hazard Status:** This product is considered to be hazardous as defined by the U.S. OSHA HCS (29 CFR 1910.1200).

**EPA SARA sec. 311/312 Hazard Categories:** Immediate (Acute) Health Hazard

**Toxic Substances Control Act (TSCA):** All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.

**HMIS Rating:** Health 1, Flammability 1, Reactivity 0

**NFPA Rating:** Health 2, Flammability 1, Reactivity 0

### CANADA

**WHMIS Status:** This product is considered to be hazardous as defined by Canadian WHMIS Controlled Products Regulations.

**WHMIS Rating:** D2-B

**WHMIS Risk Phrases:** CAUTION: May cause eye irritation.

**WHMIS Precautionary Statements:** Do not allow towel contact with eyes. For external use only. Not for use around the mouth or eyes for an extended period of time. Do not smoke while using. Do not contaminate water, food or feed by use or storage. Keep out of reach of children. Keep container tightly sealed when not in use. Read and follow label directions carefully.

**Domestic Substances List (DSL):** All ingredients contained in this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).

### E.U.

**European Inventory of Existing Chemical Substances (EINECS):** All ingredients contained in this product are listed on the European Inventory of Existing Chemical Substances (EINECS).

**CHIP 2 Categories of Danger (England):** Irritant (Xi), Irritating to eyes.

### AUSTRALIA

**Worksafe Australia Status:** This product is classified as hazardous according to criteria of Worksafe Australia.

Product Name:

# LIFTER WIPES

**72 count Bucket and 10 count Packet Only. No Longer Manufactured.**

Revision #: 2.0

Date Prepared: March 10, 1997

Date Revised: ????????????????????

HAZCHEM Code (Australia): Not Determined.

Poisons Schedule Number (Australia): Not Determined.

Further regulatory information regarding individual ingredients, if applicable, may be found in Section 2.

This product has been classified in accordance with the hazard criteria of the U.S. OSHA Hazard Communication Standard, the Canadian WHMIS Controlled Products Regulations, the British CHIP2 regulation 6, and the Australian NMRCWHS. This MSDS contains the information required by the above regulations and conforms to ANSI Z400.1-1993.

## Section 16

## Other Information

MSDS Prepared By: Director of Chemical Safety

**The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, LA-CO Industries, Inc. makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will LA-CO Industries, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.**