



MATERIAL SAFETY DATA SHEET

Weiman Silver Wipes

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Weiman Silver Wipes
Product Number: 48C
Product Use: Cleaner.
Manufacturer/Supplier: Weiman Products
755 Tristate Parkway
Gurnee, IL 60031
Phone Number: 1-800-837-8140
Emergency Phone: 1-800-535-5053
Date of Preparation: May 27, 2013

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION

MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION.

Potential Health Effects: See Section 11 for more information.

Likely Routes of Exposure: Skin contact, eye contact, inhalation, and ingestion.

Eye: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
Inhalation: May cause respiratory tract irritation.

Chronic Effects: Prolonged or repeated contact may dry skin and cause irritation.

Signs and Symptoms: Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Medical Conditions Aggravated By Exposure: Asthma. Allergies.

Target Organs: Skin, eyes, gastrointestinal tract, respiratory system.

Potential Environmental Effects: May cause long-term adverse effects in the aquatic environment. See Section 12 for more information.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | CAS # | Wt. % |
|---|------------|-----------|
| Alcohols, C12-14-secondary, ethoxylated | 84133-50-6 | 3 - 7 |
| 1,2-Propylene glycol | 57-55-6 | 1 - 5 |
| Acetic acid, chloro-, reaction products with 2-heptadecyl-4,5-dihydro-1H-imidazole-1-ethanol and sodium hydroxide | 68608-63-9 | 0.1 - 1.5 |

Section 4: FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes with plenty of water. If easy to do, remove contact lenses, if worn.

Skin Contact: If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.



MATERIAL SAFETY DATA SHEET

Weiman Silver Wipes

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: May result in obstruction and irritation if ingested. Get medical attention.

General Advice: In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).

Note to Physicians: Symptoms may not appear immediately.

Section 5: FIRE FIGHTING MEASURES

Flammability: Not flammable by WHMIS criteria.

Means of Extinction:

Suitable Extinguishing Media: Treat for surrounding material.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental Precautions: Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Pick up large pieces, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Scoop up material and place in a disposal container.

Other Information: Not available.

Section 7: HANDLING AND STORAGE

Handling:

Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. When using do not eat or drink. Wash hands before eating, drinking, or smoking.

Storage:

Keep out of the reach of children. Keep container tightly closed. Keep from freezing.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Ingredient

Alcohols, C12-14-secondary, ethoxylated

1,2-Propylene glycol

Acetic acid, chloro-, reaction products with 2-heptadecyl-4,5-dihydro-1H-imidazole-1-ethanol and sodium hydroxide

**Exposure Limits
ACGIH-TLV**

Not available.

Not available.

Not available.



MATERIAL SAFETY DATA SHEET

Weiman Silver Wipes

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equipment:

Eye/Face Protection: Wear eye/face protection.

Hand Protection: Wear suitable gloves.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations: Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|------------------|
| Appearance: | Saturated wipes. |
| Colour: | Not available. |
| Odour: | Floral. |
| Odour Threshold: | Not available. |
| Physical State: | Solid. |
| pH: | 6 - 6.5 |
| Viscosity: | Not available. |
| Freezing Point: | Not available. |
| Boiling Point: | Not available. |
| Flash Point: | Not available. |
| Evaporation Rate: | Not available. |
| Lower Flammability Limit: | Not available. |
| Upper Flammability Limit: | Not available. |
| Vapor Pressure: | Not available. |
| Vapor Density: | Not available. |
| Specific Gravity: | Not available. |
| Solubility in Water: | Not available. |
| Coefficient of Water/Oil Distribution: | Not available. |
| Auto-ignition Temperature: | Not available. |
| Percent Volatile, wt. %: | Not available. |
| VOC content, wt. %: | Not available. |

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Conditions of Reactivity: Heat. Incompatible materials.

Incompatible Materials: None known.

Hazardous Decomposition Products: May include, and are not limited to: oxides of carbon.

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use.



MATERIAL SAFETY DATA SHEET

Weiman Silver Wipes

Section 11: TOXICOLOGY INFORMATION

EFFECTS OF ACUTE EXPOSURE

Component Analysis

| Ingredient | LD ₅₀ (oral) | LC ₅₀ |
|---|-------------------------|------------------|
| Alcohols, C12-14-secondary, ethoxylated | 3277 mg/kg, rat | Not available. |
| 1,2-Propylene glycol | 20000 mg/kg, rat | Not available. |
| Acetic acid, chloro-, reaction products with 2-heptadecyl-4,5-dihydro-1H-imidazole-1-ethanol and sodium hydroxide | Not available. | Not available. |

Eye: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin: May cause skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Inhalation: May cause respiratory tract irritation.

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Not available.

Chronic Effects: Not hazardous by WHMIS criteria.

Carcinogenicity: Not hazardous by WHMIS criteria.

Ingredient

Chemical Listed as Carcinogen or Potential Carcinogen *

| | |
|---|-------------|
| Alcohols, C12-14-secondary, ethoxylated | I-3 |
| 1,2-Propylene glycol | Not listed. |
| Acetic acid, chloro-, reaction products with 2-heptadecyl-4,5-dihydro-1H-imidazole-1-ethanol and sodium hydroxide | Not listed. |

* See Section 15 for more information.

Mutagenicity: Not hazardous by WHMIS criteria.

Reproductive Effects: Not hazardous by WHMIS criteria.

Developmental Effects:

Teratogenicity: Not hazardous by WHMIS criteria.

Embryotoxicity: Not hazardous by WHMIS criteria.

Respiratory Sensitization: Not hazardous by WHMIS criteria.

Skin Sensitization: Not hazardous by WHMIS criteria.

Toxicologically Synergistic Materials: Not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: May cause long-term adverse effects in the aquatic environment.

Persistence / Degradability: Not available.

Bioaccumulation / Accumulation: Not available.

Mobility in Environment: Not available.



MATERIAL SAFETY DATA SHEET
Weiman Silver Wipes

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions:

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Section 14: TRANSPORTATION INFORMATION

TDG Classification

Not regulated

Section 15: REGULATORY INFORMATION

Federal Regulations

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Global Inventories

| Ingredient | Canada DSL/NDSL |
|---|----------------------------|
| Alcohols, C12-14-secondary, ethoxylated | DSL |
| 1,2-Propylene glycol | DSL |
| Acetic acid, chloro-, reaction products with 2-heptadecyl-4,5-dihydro-1H-imidazole-1-ethanol and sodium hydroxide | DSL |

HMIS - Hazardous Materials Identification System

Health - 1 Flammability - 0 Physical Hazard - 0 PPE – B

NFPA - National Fire Protection Association:

Health - 1 Fire - 0 Reactivity - 0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

WHMIS Classification(s):

Class D2B - Skin/Eye Irritant

WHMIS Hazard Symbols:



SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O) Occupational Safety and Health Administration.

ACGIH (G) American Conference of Governmental Industrial Hygienists.

- A1 - Confirmed human carcinogen.
- A2 - Suspected human carcinogen.
- A3 - Animal carcinogen.
- A4 - Not classifiable as a human carcinogen.
- A5 - Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.

- 1 - The agent (mixture) is carcinogenic to humans.
- 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
- 2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
- 3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
- 4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.



MATERIAL SAFETY DATA SHEET

Weiman Silver Wipes

NTP (N) National Toxicology Program.
1 - Known to be carcinogens.
2 - Reasonably anticipated to be carcinogens.

Section 16: OTHER INFORMATION

Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

Expiry Date: May 27, 2016

Version #: 2.0

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