



## MATERIAL SAFETY DATA SHEET (MSDS) SAFETY DATA SHEET (SDS)

MSDS Date: July 23, 2014

### 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**IDENTIFICATION OF PREPARATION:** Hygenall® LeadOff™ Brand Cleaning and Decontamination Wipes, All Scents

**USE OF PREPARATION:** Cleaning dirt, grease and heavy metal dust off skin

**COMPANY IDENTIFICATION** Hygenall Corporation  
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**MSDS PREPARED BY:** Hygenall Corporation, on the date shown above.

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

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS NUMBER	EC NUMBER	PERCENTAGE
Ethanol	64-17-5	200-578-6	Not Available
Citric Acid	77-92-9	201-069-1	<1%
Isostearamidopropyl Morpholine Lactate	72300-24-4	Not Listed	Not Available

See Section 16 for details on Hazard Classifications.

Information regarding proprietary ingredients is available from the manufacturer upon request.

### 3. HAZARDS IDENTIFICATION

**Canadian WHMIS for the preparation:**  
Not Classified

**EU PREPARATION CLASSIFICATION (1999/45/EC):**  
Not Classified

**EMERGENCY OVERVIEW:** Non-woven cloth wipe with applied aqueous solution. Not expected to be hazardous.

**POTENTIAL HEALTH EFFECTS:** May cause eye irritation, avoid contact with eyes. KEEP OUT OF THE REACH OF CHILDREN UNLESS UNDER ADULT SUPERVISION. If skin irritation occurs, flush with soap and water.

**ROUTES OF ENTRY:** Dermal: YES      Inhalation: UNLIKELY      Ingestion: POSSIBLE      Injection: UNLIKELY

### 4. FIRST AID MEASURES

**SEEK IMMEDIATE MEDICAL ATTENTION IF IRRITATION OCCURS.**

**INHALATION:** Inhalation exposure unlikely due to physical form.

**EYES:** Immediately flush eyes with large amounts of temperate water for a minimum of 15 minutes. Consult an ophthalmologist for a more detailed medical evaluation.

**SKIN:** If irritation occurs, wash skin thoroughly with mild soap and room temperature running water. Remove contaminated clothing. Seek immediate medical attention if irritation continues.

**INGESTION:** Not expected to be a significant route of exposure based on expected use. If ingestion occurs, seek immediate medical attention.

**SYMPTOMS OF EXPOSURE:** May include irritation of the eyes and skin.

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** No limitations.

**FIRE FIGHTING EQUIPMENT:** No special protective equipment needed beyond routine firefighting gear.

## 6. ACCIDENTAL RELEASE MEASURES

**GENERAL:** Avoid contact with eyes. Clean up spilled liquid from container with inert absorbent material and place in an appropriate waste disposal container. Pick up wipes and place in dry trash. Discard empty canister in trash or rinse and recycle as appropriate. See Section 13 for Disposal Considerations.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid contact with eyes. Do not eat, drink, or smoke while handling this product.

**STORAGE:** Store in a tightly closed container in a dry secure area inaccessible to children. and protect from heating and freezing. KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS:

None required with normal handling or consumer use.

### PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: None required under normal handling or consumer use.

SKIN PROTECTION: None required under normal handling or consumer use.

EYE PROTECTION: None required under normal handling or consumer use.

WORK/HYGIENE PRACTICES: Good personal hygiene should be exercised by all users of this product to minimize potential dermal exposures.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Non-woven cloth wipe with applied aqueous solution
Odor Threshold:	Not Applicable
Boiling Point:	Not Applicable
Flash Point:	Not Applicable
Auto-ignition Temperature:	Not Applicable
Lower Explosive Limit (LEL):	Not Applicable
Upper Explosive Limit (UEL):	Not Applicable
Vapor Pressure:	Not Determined
Specific Gravity:	Approx. 1.0 (liquid expressed from wipe)
Total Volatile Organic Compounds (TVOC) (G/L):	Not Applicable
Solubility in Water:	Soluble (liquid expressed from wipe)
Partition Coefficient:	Not Determined
Viscosity of Solution:	Not Determined
Vapor density (Air=1.0):	Not Determined
Percent Volatility:	Not Applicable

## 10. STABILITY AND REACTIVITY

This material is stable under expected conditions of use, handling and storage.

**CONDITIONS TO AVOID:** Avoid contact with incompatible materials and extreme temperatures. Hazardous polymerization will not occur.

**INCOMPATIBLE MATERIALS:** Oxidizing agents, reducing agents, metals, alkalis.

**HAZARDOUS DECOMPOSITION:** CO<sub>x</sub>, NO<sub>x</sub>.

**EXOTHERMIC REACTION FIGHTING PROCEDURES:** Not expected to occur.

## 11. TOXICOLOGICAL INFORMATION

**NO DATA AVAILABLE ON THE SPECIFIC MIXTURE.**

Acute Effects of Overexposure: May irritate eyes.

Chronic Effects of Overexposure: None expected.

Carcinogenicity: Not listed as a carcinogen by IARC, ACGIH, NTP, OSHA, or NIOSH.

## 12. ECOLOGICAL INFORMATION

**NO DATA AVAILABLE ON THE SPECIFIC MIXTURE.**

## 13. DISPOSAL CONSIDERATIONS

**GENERAL:** Follow all applicable local, national, provincial, territorial, and international regulations. As supplied, this material is not regulated as a hazardous waste under the US EPA Resource Conservation and Recovery Act (RCRA). Refer to the European Waste Catalog (EWC) for appropriate waste code(s).

## 14. TRANSPORT INFORMATION

Not regulated by US DOT, ICAO/IATA, RID/ADR, IMDG, Canada TDG

## 15. REGULATORY INFORMATION

**CANADIAN ENVIRONMENTAL PROTECTION ACT:** All of the components of this product are listed on the Canadian Domestic Substances List (DSL).

**EPA TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:** N/A

**EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS):** N/A.

**CALIFORNIA PROPOSITION 65:** This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act: None

**WHMIS (Canada):** Not a WHMIS controlled product.

**State Lists:** Ethanol – FL, MA, NJ, PA

**ADDITIONAL OCCUPATIONAL EXPOSURE LIMITS (OELs).** There are currently no established international OELs for the components of this product.

## 16. OTHER INFORMATION

**HAZARD CLASSIFICATIONS:**

X<sub>i</sub>=Irritant

**R-PHRASES:**

R37/38-Irritating to respiratory system and skin

R41-Risk of serious damage to eyes

**Current MSDS Revision Date:** July 23, 2014

**Previous MSDS Date(s):** March 12, 2010

**DISCLAIMER:** The information contained in this MSDS relates specifically to the product as a whole and may not be valid if used in combination with other materials or in any specified process. The information on Hygenall products are accurate to the best of our knowledge but does not purport to be all inclusive and should only be used as a general guide. It is the user's responsibility to ensure that the product will be suitable for particular usage. The user assumes all responsibility for compliance with applicable Federal, State and Local Regulations. We do not accept liability for damage or loss that may occur from the use of this information.