

# MATERIAL SAFETY DATA SHEET

## Kendall™ Moisture Barrier Cream

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

**Product Name** Kendall™ Moisture Barrier Cream  
**Product Description** Skin protectant cream  
**Manufacturer/Supplier** Covidien  
**Address** 15 Hampshire Street  
Mansfield, MA 02048  
**Phone Number** (508) 261-8000 (Monday – Friday 8:00 am to 5:00 pm)  
**Chemtrec Number** (800) 424-9300  
**Revision Date**  
**MSDS Date:** September 26, 2011

*This MSDS has been compiled in accordance with OSHA's HAZCOM standard at 29 CFR 1910.1200*

### 2. HAZARDS IDENTIFICATION

#### Routes of Entry

Eye contact - Skin contact - Ingestion

#### Carcinogenic Status

Not considered carcinogenic by NTP, IARC, and OSHA.

#### Target Organs

Eyes

#### Health Effects - Eyes

Contact with the eye may cause mild irritation.

#### Health Effects - Skin

No adverse effects are expected under normal conditions of use.

#### Health Effects - Ingestion

Ingestion of large quantities may cause G.I upset with pain, nausea, vomiting and diarrhea.

#### Health Effects - Inhalation

No adverse effects are expected under normal conditions of use.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	Concentration
Water	7732-18-5	Proprietary
Dimethicone	63148-62-9	5%
Isopropyl Palmitate	142-91-6	Proprietary
Propylene Glycol	57-55-6	Proprietary
Jojoba Oil	NA	Proprietary
Vitamin E	7695-91-2	Proprietary

### 4. FIRST-AID MEASURES

#### Eyes

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

#### Skin

If irritation or redness occurs, wash skin thoroughly with soap and water. Discontinue use.

#### Ingestion

Have victim drink 1-3 glasses of water to dilute stomach contents. Do not induce vomiting unless directed to do so by medical personnel. Obtain medical attention if symptoms occur.

# MATERIAL SAFETY DATA SHEET

## Kendall™ Moisture Barrier Cream

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### 4. FIRST-AID MEASURES

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**Inhalation**

Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention if symptoms occur.

**Advice to Physicians**

Treat symptomatically.

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### 5. FIRE-FIGHTING MEASURES

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**Extinguishing Media**

Not flammable. Use appropriate extinguishing media for containers in the area.

**Unusual Fire and Explosion Hazards**

This product may give rise to hazardous fumes in a fire.

**Protective Equipment for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.

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### 6. ACCIDENTAL RELEASE MEASURES

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Wipe up into suitable containers for recovery or disposal. Wear appropriate protective clothing. Prevent the material from entering drains or water courses. Notify authorities if spill has entered water course or sewer or has contaminated soil or vegetation.

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### 7. HANDLING AND STORAGE

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Avoid contact with eyes. Keep container tightly closed when not in use. It is recommended to store in original containers. Storage area should be: cool - dry - well ventilated - away from incompatible materials (see section 10 for materials to avoid). Protect from freezing. Avoid excessive heat.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Occupational Exposure Standards**

Exposure limits are listed below, if they exist.

**Engineering Control Measures**

No specific measures necessary.

**Respiratory Protection**

Respiratory protection not normally required.

**Hand Protection**

Not required under normal conditions of use.

**Eye Protection**

Not required under normal conditions of use. Avoid accidental contact with eyes.

**Body Protection**

Not required under normal conditions of use.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State</b>	Liquid
<b>Form</b>	Lotion
<b>Color</b>	White to off white
<b>Odor</b>	Lemon Citrus
<b>pH</b>	6.0
<b>Specific Gravity</b>	0.95 -1.1

# MATERIAL SAFETY DATA SHEET

## Kendall™ Moisture Barrier Cream

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Freezing Point</b>	No data.
<b>Flash Point</b>	No data.
<b>Viscosity, dynamic</b>	No data.
<b>Solubility in Water</b>	Soluble
<b>Vapor Density (Air = 1)</b>	No data.

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### 10. STABILITY AND REACTIVITY

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**Stability**

Stable under normal conditions.

**Conditions to Avoid**

Contact with incompatible materials – excessive heat – freezing temperatures

**Materials to Avoid**

Strong oxidizing agents - acids - bases

**Hazardous Polymerization**

Will not occur.

**Hazardous Decomposition Products**

Oxides of carbon – silicon dioxide – formaldehyde – organic compounds

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### 11. TOXICOLOGICAL INFORMATION

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**Acute Toxicity**

Propylene Glycol: LD50 Oral rat >20,000mg/kg, LD50 Dermal rabbit >10,000mg/kg

Isopropyl Palmitate: LD50 Oral rat > 64.0 ml/kg, LD50 Dermal rabbit > 5000mg/kg

**Specific Target Organ Systemic Toxicity (single and repeat)**

No relevant studies identified.

**Serious Eye damage/Eye Irritation**

Propylene Glycol: Mildly irritating to the eye.

**Skin Corrosion/Irritation**

Product: No evidence of skin irritation (Repeat Insult Patch Test)

**Respiratory or Skin Sensitization**

Product: No evidence of skin sensitization (Repeat Insult Patch Test)

**Carcinogenicity**

Not considered carcinogenic by NTP, IARC, and OSHA.

**Germ Cell Mutagenicity**

Propylene Glycol: In vitro and animal mutagenicity studies were negative.

**Toxicity to Reproduction**

No relevant studies identified.

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### 12. ECOLOGICAL INFORMATION

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**Mobility**

No relevant studies identified.

**Persistence/Degradability**

No relevant studies identified.

**Bio-accumulation**

No relevant studies identified.

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# MATERIAL SAFETY DATA SHEET

## Kendall™ Moisture Barrier Cream

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### 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

No relevant studies identified.

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### 13. DISPOSAL CONSIDERATIONS

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Dispose of in accordance with all applicable local and national regulations.

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### 14. TRANSPORT INFORMATION

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<b>DOT CFR 172.101 Data</b>	Not Regulated
<b>UN Proper Shipping Name</b>	Not Regulated
<b>UN Class</b>	None.
<b>UN Number</b>	None.
<b>UN Packaging Group</b>	None.
<b>Classification for AIR Transportation (IATA)</b>	Consult current IATA Regulations prior to shipping by air.

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### 15. REGULATORY INFORMATION

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<b>US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS</b>
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**Toxic Substance Control Act Listing**

This is a combination drug and cosmetic product and is not subject to TSCA regulations.

**California Proposition 65**

This product contains chemicals which the State of California has found to cause cancer, birth defects or other reproductive harm including trace quantities of: arsenic – ethyl alcohol – lead.

**SARA Title III Sect. 311/312 Categorization**

Not hazardous.

**SARA Title III Sect. 313**

This product contains the following chemicals listed in Section 313 at or above de minimis concentrations: None

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### 16. OTHER INFORMATION

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**NFPA Ratings**

NFPA Code for Flammability - 0

NFPA Code for Health - 0

NFPA Code for Reactivity - 0

NFPA Code for Special Hazards – None

**HMIS Ratings**

HMIS Code for Flammability - 0

HMIS Code for Health - 0

HMIS Code for Reactivity - 0

HMIS Code for Personal Protection - See Section 8

**Abbreviations**

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

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## Kendall™ Moisture Barrier Cream

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### 16. OTHER INFORMATION

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NTP: National Toxicology Program  
IARC: International Agency for Research on Cancer  
LC50: Lethal Concentration 50%  
LD50: Lethal Dose 50%  
BOD: Biological Oxygen Demand  
KoC: Soil Organic Carbon Partition Coefficient  
**Prepared By:** EnviroNet LLC.

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