

**SECTION 1 IDENTIFICATION**

**Product Trade Name:** Evolution  
**Recommended Use:** Zinc-Free Floor Finish  
**Restrictions on Use:** For Industrial and Institutional use only  
**Manufacturer:** Maxim Chemical International Inc.  
 1607 Derwent Way, Delta, B.C. Canada V3M 6K8  
 (800) 663-9925  
**Emergency Phone Number/ 24-Hour Number:** Canada: Canutec 613-996-6666  
 U.S.A.: Chemtrec 800-424-9300

**SECTION 2 HAZARD IDENTIFICATION**

**Physical Hazards:** None  
**Health Hazards:** Non-hazardous  
**Label Elements:** No pictogram  
**Signal word:** Non-hazardous  
**Hazard Statement:** Non-hazardous

**Precautionary Statements:**

**Prevention:** Not regulated.

**Responses:** Not regulated.

**Storage:** Not regulated. Store in a cool, dry place. Keep container tightly closed. Keep out of reach of children.

**Disposal:** Not regulated. Dispose contents/container in accordance with all local, Provincial or Federal regulations.

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	Approx. Wt.%	CAS Number
No Hazardous Ingredients		

**SECTION 4 FIRST-AID MEASURES**

**Inhalation:** Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.

**Skin Contact:** Immediately flush exposed area with soap and water for at least 10 minutes. If irritation persists, or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and launder before reuse.

**Eye Contact:** Immediately flush with warm running water for at least 15 minutes, holding eyelids open during flushing. Remove contact lenses, if present and easy to do. If irritation persists, repeat flushing and obtain medical attention immediately.

**Ingestion:** Do not induce vomiting. If the victim is fully conscious, give plenty of clean water to drink to dilute product. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing. Call a Physician.

If irritation occurs or persists, get medical attention.

**SECTION 5 FIRE-FIGHTING MEASURES**

**Extinguishing Media:** Water fog, alcohol foam, carbon dioxide or dry chemical. DO NOT use direct water stream, which will spread fire.

**Flammability:** Not flammable.

**Flash Point:** Not flammable.

**Special Firefighting Procedures:** Directing a solid stream of water into a hot burning liquid can cause frothing and spread the fire. Wear NIOSH/MSHA approved, self-contained breathing apparatus for firefighting situation. Use water spray to cool all nearby fire exposed surfaces.

**Unusual Fire / Explosion Hazards:** Dried product can burn.

**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, phosphoric oxides, phosphoric acids, hydrocarbons, ketones, aldehydes, acrylic monomers,

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Environmental Protection Precautions:** Do not release to the environment or water source.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers. Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

## SECTION 7 HANDLING AND STORAGE

**Precautions To Be Taken In Handling And Storage:** Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Keep out of reach of children. Store at temperatures below 30°C (86°F) and above 5°C (41°F).

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:**

OSHA (PEL): N/A

ACGIH TLV: N/A

Other exposure limit: N/A

**Appropriate Engineering Controls:** Good general ventilation.

**Individual Protection Measures / Personal Protective Equipment:**

**Gloves:** Non-permeable gloves (rubber, nitrile) recommended.

**Masks/Goggles:** Not required for normal use of product. However, use chemical goggles or safety glasses when eye contact may occur.

**Respirator:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.

**Apron:** Not required for normal use of product.

**Boots:** Not required for normal use of product.

**Other Protective Equipment:** Eye wash, safety shower and full protective clothing recommended in the immediate work area.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Milky white liquid.
<b>Odor:</b>	No added fragrance.
<b>Odor threshold:</b>	N/A
<b>pH:</b>	8.0 – 9.0
<b>Melting point/Freezing point:</b>	N/A
<b>Initial boiling point and boiling range:</b>	N/A
<b>Flash Point:</b>	None to 100 °C
<b>Evaporation Rate (Water=1):</b>	N/A
<b>Flammability:</b>	Not flammable
<b>Upper/Lower flammability or explosive limits:</b>	None.
<b>Vapor pressure:</b>	N/A
<b>Vapor density:</b>	N/A
<b>Relative density/Specific gravity (Water = 1):</b>	1.03 @ 20 °C
<b>Solubility(ies):</b>	Soluble in water
<b>Partition coefficient: n-octanol/water :</b>	N/A
<b>Auto-ignition temperature :</b>	Not flammable
<b>Decomposition temperature:</b>	N/A
<b>Viscosity:</b>	N/A

## SECTION 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	N/A
<b>Chemical stability:</b>	Stable under normal storage conditions.
<b>Possibility of hazardous reactions:</b>	N/A
<b>Conditions to avoid:</b>	Temperatures above 30°C (86°F) and below 5°C (41°F).
<b>Incompatibility:</b>	Product can oxidize at elevated temperature. Generation of gas

**Hazardous Decomposition Products:** during decomposition can cause pressure in closed system. Avoid strong acids, strong bases, strong oxidizers, aluminum, oxygen, salts of strong bases  
Carbon dioxide, carbon monoxide, phosphoric oxides, phosphoric acids, hydrocarbons, ketones, aldehydes, acrylic monomers,

### SECTION 11 TOXICOLOGICAL INFORMATION

**Likely routes of exposure:** Ingestion, skin and eye contact.  
**Symptoms:** Prolonged contact with eyes or skin may cause mild irritation.  
**Acute Toxicity Estimates:** Oral >2000 mg/kg, dermal >2000 mg/kg  
**Carcinogenicity:** Not listed by NTP, IARC, OSHA, ACGIH.

### SECTION 12 ECOLOGICAL INFORMATION

This product does not exhibit the properties of ignitability, corrosivity, reactivity or environmentally persistent toxicity.

This product does not adversely inhibit a diverse aquatic range of organisms (animal, plant, bacteria) as required by the EcoLogo® program under UL2777.

### SECTION 13 DISPOSAL CONSIDERATIONS

**Recommended Waste Disposal Methods:** Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

### SECTION 14 TRANSPORT INFORMATION

This product is classified as "Non-flammable, Non-hazardous, Not Restricted" for Transport purposes.

#### Canadian TDG

**UN Number:** Not regulated.  
**UN Proper Shipping Name :** Not regulated.  
**Transport Hazard Class(es) :** Not regulated.  
**Packing Group :** Not regulated.

### SECTION 15 REGULATORY INFORMATION

#### HAZARD RATING INFORMATION

4=Extreme  
3=High  
2=Moderate  
1=Slight  
0=Insignificant

#### HMIS

0	Health
0	Flammability
0	Reactivity
A	Personal

A=Gloves, B=Goggles & Gloves

C=Goggles, Gloves and Apron

**HMIS Protection  
Group A**



All pertinent hazard information has been provided in this SDS, per the requirements of the U.S. Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalent Standards, and the Canadian Workplace Hazardous Materials Identification System Standards (CPR 4).

### SECTION 16 OTHER INFORMATION

#### Acronym List:

ACGIH American Conference of Governmental Industrial Hygienists  
CFR Code of Federal Regulations  
HMIS Hazardous Materials Identification System  
IARC International Agency for Research on Cancer

## Evolution

## Safety Data Sheets

MSHA	Mine Safety and Health Administration
NIOSH	The National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
TDG	Transportation of Dangerous Goods
TLV	Threshold Limit Value
UN	United Nations
WHMIS	Workplace Hazardous Materials Information System

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. **Maxim Chemical International Inc.** will accept no liability for damages or loss incurred from the improper handling and use of this product.

The information provided in the Safety Data Sheet has been obtained from current sources and is believed to be reliable.

PREPARED BY: Technical Service/Regulatory Division

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