

# Material Safety Data Sheet



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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Marathon 262-G  
**Company Address:**  
Torginol, Inc.  
P.O Box 102  
710 Forest Avenue  
Sheboygan Falls, WI 53085

**Product Type:** Coating  
**Contact Information:**  
Telephone: (800) 558-7596  
Emergency Telephone: (800) 688-4005  
Fax: (920) 467-8674  
Internet: www.torginol.com

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Polyamide Proprietary	10-30	None	None	None
Diethyleneglycol monoethyl ether 111-77-3	5-10	None	None	None
N-Methyl-2-pyrrolidinone 872-50-4	1-5	None	None	100ppm, 10ppm, skin TWA; (WEEL)
Triethylamine 121-44-8	1-5	1 ppm TWA 3 ppm STEL (skin)	100 mg/m <sup>3</sup> TWA	None

## 3. HAZARDOUS IDENTIFICATION

### EMERGENCY OVERVIEW

**Physical State:** Liquid  
**Color:** Milky  
**Odor:** Faint

**HMIS:**  
**HEALTH:** 2\*  
**FLAMMABILITY:** 0  
**PHYSICAL HAZARD:** 0  
**Personal Protection:** See Section 8

**WARNING:** MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION

**Relevant Routes of Exposure:** Skin, Inhalation, Eyes

### Potential Health Effects

**Inhalation:** May cause respiratory tract irritation.  
**Skin Contact:** May cause skin irritation with discomfort or rash. Prolonged contact can cause reddening, swelling, rash, scaling, blistering and in some cases, skin sensitization.  
**Eye Contact:** Exposure to mists, vapors, and liquid may cause severe irritation or burns.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Existing conditions aggravated by exposure:** Eye, skin and respiratory disorders.

See Section 11 for additional toxicological information.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapors or decomposition products. If not breathing, give artificial respiration. Get medical attention immediately.
<b>Skin Contact:</b>	Remove contaminated clothing and shoes. Immediately flush skin with plenty of water (using soap, if available). Get medical attention if symptoms develop and persist.
<b>Eye Contact:</b>	Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. Get immediate medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Get medical attention immediately.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash Point:</b>	Not Applicable
<b>Autoignition Temperature:</b>	Not Determined
<b>Flammable/Explosive limits-lower %:</b>	Not Determined
<b>Flammable/Explosive limits-upper %:</b>	Not Determined
<b>Extinguishing Media:</b>	Will not burn. Use media appropriate for surrounding material.
<b>Special Fire-Fighting Procedures:</b>	Keep unnecessary personnel away.
<b>Unusual Fire or Explosion Hazards:</b>	Decomposition and combustion products may be toxic.
<b>Hazardous Combustion Products:</b>	Acrid smoke and fumes. Oxides of carbon.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental Precautions:</b>	Avoid subsoil penetration. Do not allow material to contaminate ground water system.
<b>Clean-Up Methods:</b>	Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, or sawdust).

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with eyes, skin and clothing. Employee education and training in the safe use and handling of this compound are required under the OSHA Hazard Communication Standard.
<b>Storage:</b>	Keep from freezing. Keep containers closed when not in use.
<b>Incompatible Products:</b>	No special restrictions on storage with other products.

For information on product shelf life contact Torginol Customer Service at (800) 558-7596

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering Controls:</b>	Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.
<b>Respiratory Protection:</b>	Use a NIOSH approved respirator if ventilation is inadequate. Observe OSHA regulations for respiratory use (29 CFR 1910.134).
<b>Skin Protection:</b>	Use impermeable gloves and protective clothing as necessary to prevent skin contact.
<b>Eye/Face Protection:</b>	Safety goggles or safety glasses with side shields. In a splash hazard environment, chemical goggles should be used in combination with a full face shield.

See Section 2 for Exposure Limits

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Milky
Odor:	Faint
Vapor Pressure:	Not determined
pH:	8 – 9.5
Boiling Point/Range:	Not determined
Melting Point/Range:	Not applicable
Specific Gravity:	1.03
Vapor Density:	Heavier than air
Evaporation Rate:	Slower than diethyl ether
Solubility in Water:	Not determined
Partition Coefficient (n-octanol/water):	Not determined
VOC Content:	Not tested

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Oxides of carbon.
Incompatibility:	None known.
Conditions to Avoid:	None known

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous Components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Polyamide Proprietary	No	No	No
Diethyleneglycol monoethyl ether 111-77-3	No	No	No
N-Methyl-2-pyrrolidinone 872-50-4	No	No	No
Triethylamine 121-44-8	No	No	No

### Literature Referenced Target Organ & Other Health Effects

Hazardous Components	Health Effects / Target Organs
Polyamide Proprietary	No Data
Diethyleneglycol monoethyl ether 111-77-3	Central Nervous System, Irritant, Kidney, Developmental, Reproductive, Liver, Brain Blood
N-Methyl-2-pyrrolidinone 872-50-4	Blood, Bone Marrow, Central Nervous System, Immune System, Irritant, Lung
Triethylamine 121-44-8	Allergen, Blood, Central Nervous System, Corrosive, Eyes, Heart, Irritant, Kidney, Liver, Nervous System, Respiratory

## 12. ECOLOGICAL INFORMATION

Ecological Information: Not Available

## 13. DISPOSAL CONSIDERATIONS

**Information provided is for unused product only.**

**Recommended Method of Disposal:** Legal disposition of wastes is the responsibility of the owner/generator of the waste. Applicable federal, state and/or local regulations must be followed during the treatment, storage, or disposal of waste containing this product.

**EPA Hazardous Waste Number:** Waste must be tested to determine the applicable EPA hazardous waste numbers.

**14. TRANSPORT INFORMATION**

**U.S. Department of Transportation Ground (49 CFR):**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**International Air Transportation (ICAO/IATA)**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**Water Transportation (IMO/IMDG):**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**15. REGULATORY INFORMATION**

**United States Regulation Information:**

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.  
**TSCA 12 (b) Export Notification:** None.

**CERCLA/SARA Section 302 EHS:** None.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed Health Hazard  
**CERCLA/SARA 313:** This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Diethyleneglycol monoethyl ether (CAS#111-77-3). Triethylamine (CAS#121-44-8). N-Methyl-2-pyrrolidinone (CAS#872-50-4).

**California Proposition 65:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**Canada Regulatory Information:**

**CEPA DSL/NDL Status:** One or more components are not listed on, and are not exempt from the listing on either the Domestic Substances List or the Non-Domestic Substances List.  
**WHMIS Hazard Class:** D.2.B