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## SAFETY DATA SHEET

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### Section 1: IDENTIFICATION

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Product Name: MIG Mist  
Welding Material Sales  
3940 Stern Ave  
St. Charles IL 60174  
[www.weldingmaterialsales.com](http://www.weldingmaterialsales.com)  
Emergency: 800-424-9300  
E-mail: [sales@weldingmaterialsales.com](mailto:sales@weldingmaterialsales.com)

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### Section 2: HAZARDS IDENTIFICATION

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#### EMERGENCY OVERVIEW

**GHS Classification:**

Eye irritation, (Category 2A)  
Skin irritation (Category 2)

**GHS Labeling**



**Symbol:**

**Signal Word:** Warning

**Hazard Statements:**

May cause serious eye irritation  
May causes skin irritation

**Precautionary Statements:**

**Prevention:**

Wash thoroughly after handling.  
Wear protective gloves/eye protection/face protection.

**Response:**

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists; get medical advice/attention.  
If on skin: Wash with plenty of water.  
If skin irritation occurs: Get medical advice/attention.

**Hazards not otherwise classified:** none

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**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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No.	Component CAS REG. NO.	Amount %
1	Polyoxyethylene mono(octylphenyl)ether CAS #9002-93-1	Not Available
2	Ethylenediaminetetraacetic Acid CAS #64-02-8	Not Available
3	Monoethanolamine CAS #141-43-5	Not Available
4	Dipropylene Glycol Monomethyl Ether CAS #34590-94-8	Not Available
5	Sodium Hydroxide CAS #1310-73-2	Not Available

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**Section 4: FIRST AID MEASURES**

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**Emergency first aid procedures by route of exposure:**

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

**Skin contact:** For skin contact flush with large amounts of water. If irritation persists get medical attention.

**Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention.

**Ingestion:** If ingested, rinse mouth with water. Consult a physician if needed.

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**Section 5: FIRE FIGHTING MEASURES**

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**Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special Hazards:** Carbon oxides

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting, if necessary.

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**Section 6: ACCIDENTAL RELEASE MEASURES**

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**Personal Protection:** Use personal protective equipment. Ensure adequate ventilation.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Method for Containment:** Prevent entry into waterways, sewers, basements or confined areas.

**Methods for Clean-up:** Wear appropriate protective equipment and clothing during clean-up. Soak up with inert absorbent material and dispose of in closed containers designed for disposal.

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**Section 7: HANDLING AND STORAGE**

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**Handling:** Avoid contact with skin and eyes. Wash hands thoroughly after handling

**Storage:** Store in a cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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**Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**

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No.	Component CAS REG. NO.	OSHA		ACGIH	
		TWA	STEL	TWA	STEL
1	Polyoxyethylene mono(octylphenyl)ether CAS #9036-19-5	Not avail.	Not avail.	Not avail.	Not avail.
2	Ethylenediaminetetraacetic Acid CAS #64-02-8	Not avail.	Not avail.	Not avail.	Not avail.
3	Monoethanolamine CAS #141-43-5	3 ppm	6 ppm	3 ppm	6 ppm
4	Dipropylene Glycol Monomethyl Ether CAS #34590-94-8	100 ppm	Not avail.	100 ppm	150 ppm
5	Sodium Hydroxide CAS #1310-73-2	2 mg/m3	Not avail.	2 mg/m3	Not avail.

**Engineering Control:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

**Personal Protective Equipment (PPE)**

**Eye/Face Protection:** Face shield and/or safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Hand Protection:** Handle with nitrile rubber gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If ventilation is not sufficient to effectively prevent buildup of vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

**Other Protective Equipment:**

Facilities storing or utilizing this material should be equipped with eyewash and safety shower facilities.

See section 3 for exposure limits.

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## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical state</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	Liquid
<b>Form</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	Liquid
<b>Color</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	Light yellow
<b>pH</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Melting/Freezing Point</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	43°F (6°C)
<b>Boiling Point</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	>392°F (>200°C)
<b>Flash Point</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	>484°F (251°C) – closed cup
<b>Evaporation Rate</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Flammability</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Upper Explosion Limit</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Lower Explosion Limit</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Vapor Pressure</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	>1.33 hPa (<1.00 mmHg) at 20°C (68°F)
<b>Vapor Density</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Relative Density</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	1.06 g/mL at 25°C (77°F)
<b>Water Solubility</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	soluble
<b>Partition Coefficient</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Auto Ignition Temperature</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Decomposition Temperature</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Viscosity</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available

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## Section 10: STABILITY AND REACTIVITY

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**Reactivity:** No data available

**Chemical Stability:** This material is considered stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** No data available

**Condition to Avoid:** No data available

**Incompatible Materials:** This product reacts with strong acid, strong bases, and oxidizing agents.

**Hazardous Decomposition:** No data available

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## Section 11: TOXICOLOGICAL INFORMATION

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**Polyoxyethylene mono(octylphenyl)ether (9036-19-5)**

**LD50 Oral – Rat – 1,800 mg/kg**

**Inhalation:** No data available

**LD50 Dermal – Rabbit – 8000 mg/kg**

**Skin corrosion/irritation** No data available

**Serious eye damage/eye irritation** Result: Moderate eye irritation -24 h

**Respiratory or skin sensitization** No data available

**Germ cell mutagenicity** No data available

**Carcinogenicity** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA

**Reproductive** No data available

**Additional Information** No data available

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**Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8)**

LD50 Oral – Rat – 1,720 mg/kg

No data available

LD50 Dermal – Rabbit – 1,015 mg/kg

**Skin corrosion/irritation** Causes skin irritation

**Serious eye damage/eye irritation** Result: Moderate risk of serious eye damage

**Respiratory or skin sensitization** Result: Does not cause skin sensitization

**Germ cell mutagenicity** In vitro tests did not show mutagenic effects

**Carcinogenicity** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA

**Reproductive** No data available

**Additional Information** May be harmful if swallowed

**Monoethanolamine (141-43-5)**

LD50 Oral – Rat – 1,800 mg/kg

Inhalation: No data available

LD50 Dermal – Rabbit – 1,015 mg/kg

**Skin corrosion/irritation** No data available

**Serious eye damage/eye irritation** Result: Severe eye irritation

**Respiratory or skin sensitization** No data available

**Germ cell mutagenicity** No data available

**Carcinogenicity** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA

**Reproductive** No data available

**Additional Information** Liver – Irregularities – Based on Human Evidence

**Dipropylene Glycol Monomethyl Ether (34590-94-8)**

LD50 Oral – Rat – 5,152 mg/kg

Inhalation: No data available

Dermal: No data available

**Skin corrosion/irritation** No data available

**Serious eye damage/eye irritation** Result: Mild eye irritation – 24 h

**Respiratory or skin sensitization** No data available

**Germ cell mutagenicity** No data available

**Carcinogenicity** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA

**Reproductive** No data available

**Additional Information** No data available

**Sodium Hydroxide (1310-73-2)**

Oral: No data available

Inhalation: No data available

Dermal: No data available

**Skin corrosion/irritation** Result: Causes severe burns. – 24 h

**Serious eye damage/eye irritation** Result: Corrosive – 24 h

**Respiratory or skin sensitization** No data available

**Germ cell mutagenicity** No data available

**Carcinogenicity** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA

**Reproductive** No data available

**Additional Information** Material is extremely destructive to tissue of the mucous membranes and upper respiratory Tract, eyes, and skin.

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## Section 12: ECOLOGICAL INFORMATION

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Polyoxyethylene mono(octylphenyl)ether (9002-93-1)  
LC50 – Pimephales promelas (fathead minnow) – 8.9 mg/l – 96.0 h,  
EC50 - Daphnia (water flea) – 26 mg/l – 48 h

Ethylenediaminetetraacetic acid (64-02-8)  
LC50: > 1 mg/l Exposure time: 96 h Species: Fish  
EC50: > 500 mg/l Exposure time: 24 h Species: Daphnia magna (Water flea)  
EC50: > 100 mg/l Exposure time: 72 h Species: algae

Monoethanolamine (141-43-5)  
EC50 - Desmodesmus subspicatus (green algae) – 15 mg/l – 72 h  
EC50 - Daphnia magna (Water flea) – 65 mg/l – 48 h  
LC50 – Pimephales promelas (fathead minnow) – 227 mg/l – 96 h

Dipropylene Glycol Monomethyl Ether (34590-94-8)  
LC50 – Pimephales promelas (fathead minnow) - > 10,000 mg/l – 96 h  
EC50 – Daphnia magna (Water flea) – 1,919 mg/l – 48 h

Sodium Hydroxide (1310-73-2)  
LC50 – Gambusia affinis (Mosquito fish) – 125 mg/l – 96 h  
LC50 – Oncorhynchus mykiss (rainbow trout) – 45.4 mg/l – 96 h  
EC50 – Daphnia (Water flea) – 40.38 mg/l – 48 h

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## Section 13: DISPOSAL CONSIDERATIONS

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Dispose of contents/container in accordance with local/regional/national/international regulations.

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## Section 14: TRANSPORT INFORMATION

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Not regulated as a dangerous good.

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## Section 15: REGULATORY INFORMATION

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**TSCA Inventory:** These products and/or its components are listed on the Toxic Substance Control Act (TSCA) inventory.

Polyoxyethylene mono(octylphenyl)ether (9002-93-1)  
SARA 302/304 No components were identified  
SARA 313 No components were identified  
CERCLA No components were identified  
SARA 311/312 Acute Health Hazard  
PROP 65 No components were identified

Ethylenediaminetetraacetic acid, tetrasodium (64-02-8)  
SARA 302/304 No components were identified  
SARA 313 No components were identified  
CERCLA No components were identified  
SARA 311/312 Acute Health Hazard, Chronic Health Hazard  
PROP 65 No components were identified

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**Monoethanolamine (141-43-5)**

**SARA 302/304** No components were identified  
**SARA 313** No components were identified  
**CERCLA** No components were identified  
**SARA 311/312** Fire Hazard, Acute Health Hazard, Chronic Health Hazard  
**PROP 65** No components were identified

**Dipropylene Glycol Monomethyl Ether (34590-94-8)**

**SARA 302/304** No components were identified  
**SARA 313** No components were identified  
**CERCLA** No components were identified  
**SARA 311/312** Fire Hazard, Chronic Health Hazard  
**PROP 65** No components were identified

**Sodium Hydroxide (1310-73-2)**

**SARA 302/304** No components were identified  
**SARA 313** No components were identified  
**CERCLA** RQ=1,000 lbs  
**SARA 311/312** Acute Health Hazard, Chronic Health Hazard  
**PROP 65** No components were identified

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**Section 16: OTHER SUPPLEMENTAL INFORMATION**

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Welding Material Sales

[www.weldingmaterialsales.com](http://www.weldingmaterialsales.com)

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