



SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product Name: MIG Mist
Welding Material Sales
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Emergency: 800-424-9300
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Section 2: HAZARDS IDENTIFICATION

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

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

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

Section 4: FIRST AID MEASURES

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.

Section 5: FIRE FIGHTING MEASURES

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.

Section 6: ACCIDENTAL RELEASE MEASURES

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.

Section 7: HANDLING AND STORAGE

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.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Section 10: STABILITY AND REACTIVITY

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

Section 11: TOXICOLOGICAL INFORMATION

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

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.

Section 12: ECOLOGICAL INFORMATION

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

Section 13: DISPOSAL CONSIDERATIONS

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

Section 14: TRANSPORT INFORMATION

Not regulated as a dangerous good.

Section 15: REGULATORY INFORMATION

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

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

Section 16: OTHER SUPPLEMENTAL INFORMATION

Welding Material Sales

www.weldingmaterialsales.com

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