

**SECTION 1: IDENTIFICATION****Product Identifier**

Product Name	Product Form	Product Code
BLACK-MAX™	Liquid	RH-346

**Relevant identified uses of the substance or mixture:**

Metal treatment.

**Details of the supplier of the safety data sheet**

Rhomar Industries, Inc.  
2107 E. Rockhurst St.  
Springfield, MO 65802 USA  
T 417-866-5592; F 417-866-5593  
solutions@rhomar.com

**Emergency telephone number**

1-800-535-5053

**SECTION 2: HAZARDS IDENTIFICATION****Classification:**

Acute toxicity, oral (Category 4)  
Aspiration hazard (Category 1)  
Serious eye damage/eye irritation (Category 2A)  
Flammable liquids (Category 4)  
Skin corrosion/irritation (Category 2)  
Specific target organ toxicity, repeated exposure (Category 2)

**Signal Word:**  
Warning**Hazard Statements:**

Combustible liquid  
Harmful if swallowed  
May be fatal if swallowed and enters airways  
Causes skin irritation  
Causes serious eye irritation  
May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements****Prevention:**

Do not breathe vapors.  
Get medical advice/attention if you feel unwell.

**Storage:**

Store in cool and well-ventilated area. Keep container closed when not in use. Keep only in original container.

**Disposal:**

Dispose of contents/container to comply with local, regional, national, or international regulations.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****Mixture**

Name	CAS #	Weight %
Glycol Ether Eb	111-76-2	1-5
Ethanediol, Ethylene Glycol	107-21-1	0.5-1

Any concentration shown as a range is to protect confidentiality or is due to process variation.

**SECTION 4: FIRST-AID MEASURES****First Aid Measures**

**Inhalation:** Get medical advice/attention if you feel unwell. Remove the victim into fresh air.

**Eye Contact:** Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion:** Rinse mouth with water. Do not induce vomiting.

**Skin Contact:** Rinse skin with water/shower.

**Most Important Symptoms and Effects, both Acute and Delayed****Symptoms**

May cause damage to organs (liver) through prolonged or repeated exposure.

Repeated exposure to this material can result in absorption through skin causing significant health hazard.

Direct contact with the eyes is likely irritating.

Abdominal pain if ingested.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

Treat symptomatically.

**SECTION 5: FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

All extinguishing media allowed.

**Specific Hazards Arising from the Chemical**

Upon combustion, CO and CO<sub>2</sub> are formed

**Protective Equipment and Precautions for Firefighters**

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

Do not enter fire area without proper protective equipment, including respiratory protection.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures****Personal Precautions**

Isolate from fire, if possible without unnecessary risk.

Equip cleanup crew with proper protection.

Use protective goggles, glove, and protective clothing. Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Stop leak if safe to do so, stop release, and ventilate spillage area.

**Methods and Material for Containment and Cleaning Up**

Contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way and as per local legislation.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

#### Advice on Safe Handling

Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

### Conditions for Safe Storage, Including any Incompatibilities

#### Storage Conditions

Keep container closed when not in use. Keep only in original container. Store in a cool and well-ventilated area.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

#### Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear safety glasses.

Skin and Body Protection: Wear gloves and protective clothing

Use appropriate personal protective equipment when risk assessment indicates this is necessary.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Liquid		
<b>Color</b>	Beige, opaque emulsion		
<b>pH</b>	1.5 - 2.5	<b>Melting Point/Freezing Point</b>	No data available
<b>Boiling Point/Boiling Range</b>	No data available	<b>Flash Point</b>	>200°F
<b>Evaporation Rate</b>	No data available	<b>Flammability (Solid, Gas)</b>	No data available
<b>Log Pow</b>	No data available	<b>Log Kow</b>	No data available
<b>Vapor Pressure</b>	No data available	<b>Vapor Density</b>	No data available
<b>Specific Gravity</b>	1.06 g/ml	<b>Solubility</b>	No data available
<b>Decomposition Temperature</b>	No data available	<b>Auto-ignition Temperature</b>	No data available
<b>Dynamic Viscosity</b>	No data available	<b>Kinematic Viscosity</b>	No data available
<b>Viscosity</b>	No data available	<b>VOC Content</b>	≤3%
<b>Oxidizing Properties</b>	No data available	<b>Explosive Properties</b>	No data available
<b>Explosion Limits</b>	No data available	<b>Relative Density</b>	No data available
<b>Odor Threshold</b>	No data available	<b>Odor</b>	Bland

## SECTION 10: STABILITY AND REACTIVITY

### Reactivity

Upon combustion, CO and CO<sub>2</sub> are formed.

### Chemical Stability

No additional information available.

### Possibility of Hazardous Reactions

Upon combustion, CO and CO<sub>2</sub> are formed.

### Conditions to Avoid

No additional information available.

**Incompatible Materials**

No additional information available.

**Hazardous Decomposition Products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: TOXICOLOGICAL INFORMATION****Information on Likely Routes of Exposure****Product Information**Inhalation: None under normal use.Eye Contact: Direct contact with the eyes is likely irritating.Skin Contact: Repeated exposure to this material can result in absorption through skin causing significant health hazard.Ingestion: Abdominal pain.

Acute toxicity, not classified.

Chemical Name	CAS #	Oral LD50	Dermal LD50	ATE CLP (Oral)	ATE CLP (Dermal)	ATE CLP (Dust/Mist)
Etheanediol, Ethylene Glycol	107-21-1	4700 mg/kg (Rat)	10626 mg/kg (Rabbit)	500.000 mg/kg body weight	10626.000 mg/kg body weight	--
Glycol Ether EB	111-76-2	1300 mg/kg (Rat)	>2000 mg/kg (Rat)	1300.000 mg/kg body weight	1100.000 mg/kg body weight	1.500 mg/l/4h

Chemical Name	Etheanediol, Ethylene Glycol	Glycol Ether EB
<b>Skin corrosion/irritation</b>	Not classified	
<b>Serious eye damage/irritation</b>	Not classified	
<b>Respiratory or skin sensitization</b>	Not classified	Not classified
<b>Mutagenicity</b>	Not classified	Not classified
<b>Carcinogenicity</b>	Not classified	Not classified
<b>Reproductive toxicity</b>		Not classified
<b>Specific target organ toxicity single exposure</b>		Not classified
<b>Specific target organ toxicity repeated exposure</b>		Mays cause damage to organs (liver)
<b>Aspiration hazard</b>		Not classified

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure****Carcinogenicity:** This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification.**Numerical Measures of Toxicity:** Not determined.**SECTION 16: OTHER INFORMATION****NFPA Ratings:**

Health:	2
Flammability:	0
Reactivity:	0

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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