

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 CO₂ 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**

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

SECTION 10: STABILITY AND REACTIVITY**Reactivity**

Upon combustion, CO and CO₂ are formed.

Chemical Stability

No additional information available.

Possibility of Hazardous Reactions

Upon combustion, CO and CO₂ 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
Skin corrosion/irritation	Not classified	
Serious eye damage/irritation	Not classified	
Respiratory or skin sensitization	Not classified	Not classified
Mutagenicity	Not classified	Not classified
Carcinogenicity	Not classified	Not classified
Reproductive toxicity		Not classified
Specific target organ toxicity single exposure		Not classified
Specific target organ toxicity repeated exposure		Mays cause damage to organs (liver)
Aspiration hazard		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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