

SAFETY DATA SHEET

SECTION 1: PRODUCT & COMPANY INFORMATION

Manufactured For
Demilec
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Phone: 817-640-4900 / Fax: 817-633-2000
E-mail: Info@Demilec.com / Website: www.Demilec.com

Product
Trade Name: Blazelok™ IB4
Chemical Name: Intumescent Coating

Emergency Telephone: 1-877-DEMILEC (336-4532) or CHEMTREC 800-424-9300 or CANUTEC 613-996-6666

SECTION 2: HAZARDS IDENTIFICATION

Physical State / Color Liquid / White-Gray

EMERGENCY OVERVIEW / WARNING

Physical / Chemical Hazards	Acute Health Hazard
Routes of Entry	Eye contact, skin contact, inhalation, ingestion.
Eye Contact	Direct contact may cause irritation, redness and/or swelling.
Skin Contact	Direct contact may cause irritation.
Inhalation	May cause headaches.
Ingestion	May cause gastrointestinal irritation.
Carcinogenicity	The components of this product are not listed by NTP, IARC or regulated as a carcinogen by OSHA.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

No reportable quantities of hazardous ingredients are present.

SECTION 4: FIRST AID MEASURES

Eye Contact	Immediately flush eyes with running water for a minimum of 15 minutes.
Skin Contact	Thoroughly wash the affected area with soap and water. Remove contaminated clothing.
Inhalation	Move exposed person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration and seek medical attention.
Ingestion	If material has been swallowed and the exposed person is conscious, give small quantities of water.
Notes to Physician	Severe exposure may cause dermatitis and/or a respiratory tract infection.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point	N/A
Upper Flammable Limit (% vol.)	N/A
Lower Flammable Limit (% vol.)	N/A
Suitable Extinguishing Media	N/A
Explosion Hazards	Closed containers may rupture when exposed to extreme heat.
Hazardous Products of Thermal Decomposition	Carbon monoxide and/or carbon dioxide may be released when exposed to high temperatures.
Special Fire Fighting Procedures	Firefighter should be equipped with self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode to protect against potentially toxic and irritating fumes generated by thermal decomposition or combustion during a fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES	
Personal Precautions	Avoid breathing vapors or mist. Provide adequate ventilation. Use suitable protective equipment.
Environmental Precautions	Avoid spreading of spilled material, runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.
Methods for Cleaning Up	Contain the spill area, cover with an inert absorbent material, and remove to disposal container. Mop with mild detergent or cleaning solution. Observe all federal, state and local laws.

SECTION 7: HANDLING & STORAGE	
Storage Temperature	> 45°F (7°C)
Storage Life	12 months
Storage Precautions	Closed containers may rupture when exposed to extreme heat.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION	
EXPOSURE LIMIT VALUES	
For Product	N/A
PERSONAL PROTECTIVE EQUIPMENT	
Eye Protection	Eye protection is required during application. Use appropriate chemical goggles with splash guards or side shields or use a full-faced respirator.
Skin Protection	Use long sleeve protective clothing and rubber/latex gloves. Wash hands, forearms and face thoroughly after handling chemical products, before eating, drinking, smoking, using the lavatory and at the end of the working period.
Respiratory Protection	Always use safety goggles and a mask with NIOSH approved organic vapor filter.
Environmental Exposure Controls / Ventilation Requirements	Local exhaust as required by job conditions to keep TLV below acceptable limits. Refer to OSHA regulations 29 CFR Part 1910.94.
Additional Protective Measures	Safety showers and eye wash stations should be easily accessible to the work area.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	
Appearance	White/Gray liquid
Flash Point	N/A
Boiling Point	N/A
Vapor Density	Heavier than air
Evaporation Rate	Slower than butyl acetate
VOC / Volatility	< 50 g/l - Complies with AQMD and EPA requirements
Weight per Gallon	10.3 - 10.7 lbs.

SECTION 10: STABILITY & REACTIVITY	
Stability	This product is considered stable under normal and anticipated storage and handling conditions.
Conditions to Avoid	Avoid exposure to extreme heat. Closed containers may rupture when exposed to extreme heat.
Materials to Avoid	Avoid contact with oxidizing materials.
Hazardous Polymerization	Will not occur
Hazardous Products of Thermal Decomposition	Carbon monoxide and/or carbon dioxide may be released when exposed to high temperatures.
Decomposition Temperature	N/A

SECTION 11: TOXICOLOGICAL INFORMATION	
POTENTIAL ACUTE HEALTH EFFECTS	
Eye Contact	Direct contact may cause irritation, redness and/or swelling.
Skin Contact	Direct contact may cause irritation.
Inhalation	May cause headaches.
Ingestion	May cause gastrointestinal irritation.
POTENTIAL CHRONIC HEALTH EFFECTS	
Carcinogenicity	The components of this product are not listed by NTP, IARC or regulated as a carcinogen by OSHA.

SECTION 12: ECOLOGICAL INFORMATION

No information available.

SECTION 13: DISPOSAL CONSIDERATION

Waste Disposal Method

Waste must be disposed of in compliance with federal, state, provincial and local environmental control regulations. Dispose of surplus and non-recyclable products via licensed waste disposal contractor. Incineration is the preferred method. If incinerated, toxic and corrosive combustion gases must be properly handled. DO NOT incinerate closed containers.

Demilec has no control over the management practices or manufacturing processes of parties handling or using this material. The information presented here pertains only to the product as shipped in its original condition.

SECTION 14: TRANSPORTATION INFORMATION

Technical Shipping Name

Blazelok IB4

Land Transport / DOT Classification

Non-regulated

Sea Transport / IMDG Classification

Non-regulated

Air Transport / ICAO / IATA Classification

Non-regulated

TDG Classification

Non-regulated

WHMIS Classification

Non-regulated

Emergency Telephone Number

1-877-DEMILEC (336-4532) or CHEMTREC (800) 424-9300 or CANUTEC (613) 996-6666

SECTION 15: REGULATORY INFORMATION

U.S. EPA EPCRA SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65)

None

State Regulations

Check individual state requirements.

SECTION 16: OTHER INFORMATION

Notice: The information herein is presented in good faith and believed to be accurate as of the effective date shown below. However, no warranty expressed or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the user's responsibility to ensure that its activities comply with country, state, provincial and local laws. This product may present hazards and should be used with caution. While certain hazards are described in this publication, no guarantee is made that these are the only hazards that exist. Hazards, toxicity and behavior of the products may differ when used with other materials and are dependent upon manufacturing circumstances or other processes. Such hazards, toxicity and behavior should be determined by the user and made known to handlers, processors and end users.

Prepared By

Demilec - EHS Group

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