



SAFETY DATA SHEET

Revised on 05/30/2015

Section 1: IDENTIFICATION

Product identifier:

Product name: Component 5B

Others means of identification:

Product code: #994256

Recommended use: For industrial use only.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company name: Pioneer Brite, Inc.

Address: 1381 Heistan Place
Memphis, TN 38104

Telephone: 1-800-783-7320

E-mail: info@pioneerbrite.com

Website: www.pioneerbrite.com

Emergency telephone number

For emergencies in the U.S., call Infotrac at 1-800-535-5053

For emergencies outside U.S., call Infotrac Collect at 01-352-323-3500 (account #77500)

Section 2: HAZARD(S) IDENTIFICATION

Classification of the substance or mixture *In accordance with 29 CFR paragraph (d) of §1910.1200*

Appearance: Clear purple solution **Physical State:** Liquid **Odor:** Solvent

Acute toxicity – Oral Category 4

Acute toxicity – Dermal Category 4

Acute toxicity – Inhalation Category 4

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2

Flammable Liquids Category 4

Label elements:

Signal word: Warning

GHS Pictograms	Hazard Statements	Precautionary Statements
	H302 – Harmful if swallowed. H312 – Harmful in contact with skin. H332 – Harmful if inhaled. H315 – Causes skin irritation. H319 – Causes serious eye irritation. - Combustible Liquid	P264 – Wash ... thoroughly after handling. P270 – Do no eat, drink or smoke when using this product. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P261 – Avoid breathing dust/fume/gas/mist/vapours/spray. P271 – Use only outdoors or in a well-ventilated area. P210 – Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

Additional Hazards: None Known
Unknown Acute Toxicity: 14.1% of mixture consists of ingredient(s) of unknown toxicity

Section 3: COMPOSITION/INFORMATION OF INGREDIENTS

Mixtures

<u>Chemical name</u>	<u>CAS #</u>	<u>% by weight</u>
Ethylene Glycol Monobutyl Ether	111-76-2	55-65

Section 4: FIRST AID MEASURES

Description of first aid measures

Eye Contact: **P305 + P351 + P338** – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **P337 + P313** – If eye irritation persists: Get medical advice/attention.

Skin Contact: **P302 + P352** – IF ON SKIN: Wash with plenty of soap and water. **P312** –Call a POISON CENTER or doctor/physician if you feel unwell.

Inhalation: **P304 + P340** – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. **P311** – Call a POISON CENTER or doctor/physician.

Ingestion: **P301 + P312** – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. **P330** – Rinse mouth.

Most important symptoms and effects, both acute and delayed

Causes skin irritation. Causes eye irritation. Harmful if swallowed. Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO₂). Dry chemical. Alcohol resistant foam.
Unsuitable extinguishing media: Not Determined.

Special hazards arising from the substance or mixture

Combustible liquid.

Special protective equipment and advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Special hazards: Combustible Liquid.
Additional information: None known.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required.

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: Disposal Considerations.

Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so.

Keep in suitable, closed containers of disposal.

Section 7: HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protective recommended in Section 8. Follow precautionary statements recommended in Section 2.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children.

Incompatible materials- Acids. Oxidizing agents. Bleach. Do not mix with other chemicals or cleaners.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Control parameters

OSHA permissible exposure limit and any other exposure limit used or recommended:

<u>Chemical Name</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH IDLH</u>
Ethylene Glycol Monobutyl Ether, 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 240 mg/m3 (vacated)TWA: 25 ppm (vacated)TWA:120 mg/m3 (vacated) S* S*	IDLH: 700ppm TWA: 5ppm TWA: 24 mg/m3
Proprietary	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m3 (vacated)TWA: 400ppm (vacated)TWA: 980 mg/m3 (vacated)STEL: 500 ppm (vacated)STEL: 1225 mg/m3	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m3 STEL: 500 ppm STEL: 1225 mg/m3

Engineering Controls: Apply technical measures to comply with the occupational exposure limits.
Eyewash stations. Showers.

Personal protection measures

General protective and hygienic measures: Do not eat, drink or smoke when using this product.

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

Eye/Face protection: Wear approved safety goggles where a splash hazard exists.

Skin protection: Wear suitable protective clothing.

Respiratory protection: Ensure adequate ventilation, especially in confined areas.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Clear purple solution
Color:	Clear purple
Odor:	Solvent
Odor threshold:	Not Determined
Physical state:	Liquid
pH:	8.0 (concentrate)
Boiling point:	100oC / 212 oF IBP
Melting point:	Not Determined
Specific gravity:	0.95
Flash point:	67oC /153oF
Evaporation rate:	Equal to water
Flammability (with limits):	Not Determined
Vapor pressure:	Not Determined
Vapor density:	Not Determined
Relative density:	7.92 lb/gal
Solubility:	Soluble in water.
Auto-ignition temperature:	Not Determined
Decomposition temperature:	Not Determined
Viscosity:	Not Determined
Partition coefficient:	Not Determined
VOC Content (%)	61.5%

Section 10: STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Conditions to avoid:	Keep out of the reach of children.
Incompatible materials:	Acids. Oxidizing agents. Bleach. Do not mix with other chemicals or cleaners.
Hazardous decomposition products:	None known based on information supplied.

Section 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact:	Causes serious eye irritation.
Skin contact:	Causes skin irritation. Harmful in contact with skin.
Ingestion:	Harmful if swallowed.
Inhalation:	Harmful if inhaled.

Symptoms related to the physical, chemical and toxicological characteristics

Please see section 4 of this SDS for symptoms.

Information on toxicological effects

**Delayed and immediate effects as well as chronic effects from short and long-term exposure
Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested. Group 3 IARC components are “not classifiable as human carcinogens”.

<u>Chemical Name</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
Ethylene Glycol Monobutyl Ether, 111-76-2	A3	Group 3		
Triethanolamine, 102-71-6		Group 3		

NOTES: **ACGIH** (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 3 IARC components are “not classified as human carcinogens”

Numerical measures of toxicity

Not Determined.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: Not Determined.

Bioaccumulative potential: Not Determined.

Mobility in soil:

<u>Chemical Name</u>	<u>Partition Coefficient</u>
Ethylene Glycol Monobutyl Ether, 11-76-2	0.81

Other adverse effects: Not Determined.

Section 13: DISPOSAL CONSIDERATIONS

Disposal instructions:

Wastes- Disposal should be in accordance with applicable regional, national and local laws and regulations.

Packaging- Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: TRANSPORT INFORMATION

DOT-	Not Regulated
IMDG-	Not Regulated
IATA-	Not Regulated

Section 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories

Not Determined

Legend:

TSCA- United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL- Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS- Japan Existing and New Chemical Substances
IECSC- China Inventory of Existing Chemical Substances
KECL- Korean Existing and Evaluated Chemical Substances
PICCS- Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986(SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

<u>Chemical Name</u>	<u>CAS No</u>	<u>Weight-%</u>	<u>SARA 313-Threshold Values %</u>
Ethylene Glycol Monobutyl Ether	111-76-2	55-65	1.0
Proprietary	Proprietary	< 1	1.0

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<u>Chemical Name</u>	<u>New Jersey</u>	<u>Massachusetts</u>	<u>Pennsylvania</u>
Ethylene Glycol Monobutyl Ether, 111-76-2	X	X	X
Proprietary	X		X
Proprietary	X	X	X

Section 16: OTHER INFORMATION

Issue date:	11-Nov-2013			
Revision date:	21-Nov-2013			
Version number:	New format			
NFPA ratings:	<u>Health Hazards</u>	<u>Flammability</u>	<u>Instability</u>	<u>Special Hazards</u>
	2	2	0	None
HMIS ratings:	<u>Health Hazards</u>	<u>Flammability</u>	<u>Physical Hazards</u>	<u>Personal Protection</u>
	2	2	0	x

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in process, unless specified in the text.

End of Safety Data Sheet