

# Material Safety Data Sheet

## LIQUAFLEX BLUE

BK2080

EMERGENCY TELEPHONE NUMBER: CHEMTREC . . . 1-800-424-9300

### 1. PRODUCT IDENTIFICATION

MANUFACTURERS CODE: BK2080 LIQUAFLEX BLUE  
PRODUCT CODE: 873-15BK2080

PRODUCT HMIS RATINGS	
Health	1
Flammability	0
Reactivity	0

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Non CAS Number

Please see Section 8 for product and component exposure guidelines. Components not listed are not physical or health hazards as defined in 29 cfr 1910.1200 (Hazard Communication Standard).

### 3. HAZARDS IDENTIFICATION

**This product falls under the following WHMIS class:** This product is not controlled.

#### Immediate (Acute) Health Effects by Route of Exposure

**Inhalation:** Can cause minor respiratory irritation. Slightly irritating to the respiratory tract.

**Skin Contact:** Can cause minor skin irritation, defatting, and dermatitis

**Eye Contact:** Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

**Ingestion:** Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

#### Long-Term (Chronic) Health Effects

##### Reproductive and Developmental:

No data available to indicate product or any components present at greater than 1% may cause birth defects.

##### Mutagenicity:

No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

This product is not a carcinogen and does not contain a carcinogen unless indicated by the word yes below:

OSHA NO

NTP NO

IARC NO

NIOSH NO

### 4. FIRST-AID MEASURES

**Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen.

**Eyes:** None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

**Skin Contact:** Wash with soap and water.

**Ingestion:** No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

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## 5. FIRE FIGHTING MEASURES

**Flammability Summary:****Extinguishing Media:**

Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid. Water fog

**Fire and/or Explosion Hazards:**

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

**Fire Fighting Methods And Protection:**

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Use methods for the surrounding fire.

**Hazardous Combustion****Products:**

Carbon dioxide, Carbon monoxide

**Flash Point:**

93 C (200 F) and greater

**Firepoint:**

Testing has determined the material has no fire point.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions****And Equipment:**

No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this MSDS.

## 7. HANDLING & STORAGE

**Handling Precautions:**

Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin or clothing. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation.

**Storage Conditions:**

Store in a cool, dry place. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Measures:**

Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

**Respiratory Protection:**

General or local exhaust ventilation is the preferred means of control. If general or local exhaust ventilation is not available or sufficient to control or eliminate symptoms as described in Section 3, respiratory protection should be used.

**Eye Protection:**

Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

**Skin Protection:**

Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Gloves:**

Wear impervious material, no specific details available.

**Exposure Guidelines:**

**Chemical Name**      **OSHA Exposure Limits**    **ACGIH TLV – TWA**    **ACGIH STEL**    **IDLH**  
No CAS Number.

If this product is provided in a dry powder state it should be considered a nuisance dust (PEL 10 mg/m<sup>3</sup>).  
If the processing of this product produces a mist it should be considered to be an oil mist with a PEL of 5 mg/m<sup>3</sup>.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid, semi-solid, or solid
<b>Solubility in Water:</b>	Complete; 100%
<b>Volatiles, % by wt:</b>	59.57
<b>Volatiles, % by vol:</b>	67.53
<b>Volatile Organic Chemicals % by wt:</b>	0.17
<b>Volatile Organic Chemicals % by vol:</b>	0.2
<b>VOC lb/gal:</b>	0.02
<b>VOC lb/gal (less water):</b>	0.05
<b>Solids % by weight:</b>	40.98
<b>Solids % by volume:</b>	32.47
<b>Boiling Point:</b>	100 deg. C 212 deg. F
<b>Specific Gravity:</b>	1.143
<b>Bulk Density (Lb/Gal):</b>	9.52

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	None known.
<b>Materials to Avoid/Chemical Incompatibility:</b>	Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

<b>Component Toxicology Data (NIOSH):</b>	
<b>Chemical Name</b>	<b>LD50/LC50</b>
No CAS number.	

## 12. DISPOSAL CONSIDERATIONS

<b>Waste Description for Spent Product:</b>	Spent or discarded material is not expected to be a hazardous waste.
<b>Disposal Methods:</b>	Dispose in accordance with Federal, State, Provincial and Local regulations. Material may be compatible with industrial waste incineration or inclusion in a fuel blending program. This characterization is subject to approval by your waste management contractor. This material should be recycled if possible.

## 13. REGULATORY INFORMATION

**TSCA Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

<u>Chemical Name</u>	<u>CAS#</u>	<u>Regulation</u>	<u>Percentage</u>
Amonia	7664-41-7	CERCLA	0.62
Not on			

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**Initial: 01/01/95**  
**Revision: 04/21/95 Rev. A: 05/12/05**  
ARC MSDS BLACK

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