

## SAFETY DATA SHEET



**Product Name:** Brazilin

**Date:** June 1, 2015

**Page 1 of 5**

### SECTION 1: IDENTIFICATION

**Product:** Brazilin

**Product number:** 860

**Synonyms:** Natural Red 24

**Recommended use:** Laboratory chemical

#### Company

Anatech Ltd	24 hour Transportation Emergency	800.424.9300 CHEMTREC
1020 Harts Lake Road	Product Technical Information	800.262.8324, M-F, 8 AM-5 PM, ET
Battle Creek, MI 49037, USA	Supplier General Contact	800.262.8324, M-F, 8 AM-5 PM, ET

### SECTION 2: HAZARD(S) IDENTIFICATION

#### Classification of substance

Not a hazardous substance.

#### Signal word/Hazard statement/Pictogram/Precautionary statements

Not a hazardous substance.

#### Hazards not otherwise classified

None as defined under 29 CFR 1900.1200.

### SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical name	CAS#	Concentration
Brazilin (C.I. 75280)	474-07-7	100%

### SECTION 4: FIRST-AID MEASURES

#### Description of first-aid measures

<b>Inhalation</b>	Remove victim to fresh air if coughing or difficulty in breathing is experienced. Consult a physician if symptoms persist or worsen. Administer oxygen or artificial respiration as needed.
<b>Eye</b>	Flush eyes for at least 15 minutes in an eyewash station. Consult a physician.
<b>Skin</b>	Remove contaminated clothing, including footwear; wash before reuse or discard. For minor exposure, wash affected area with water and mild soap, rinsing thoroughly. In cases of prolonged, repeated or extensive exposure, rinse affected area or entire body for at least 15 minutes. Consult a physician.
<b>Ingestion</b>	Call a poison center immediately.

#### Important symptoms, acute and delayed

No information available.

#### Recommendations for immediate medical care and special treatment

See listed first-aid procedures. No information available for special treatment. Treat according to symptoms.

## SAFETY DATA SHEET



**Product Name: Brazilin**

**Date: June 1, 2015**

**Page 2 of 5**

---

### **SECTION 5: FIRE-FIGHTING MEASURES**

---

**Suitable and unsuitable extinguishing media**

Use water spray, dry chemical or carbon dioxide.

**Specific hazards arising from the product**

No information available.

**Special protective equipment/precautions for fire-fighters**

Fire-fighters may wear self-contained breathing apparatus if necessary.

---

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

---

**Personal precautions**

Ensure adequate ventilation.  
Avoid dust formation.  
Avoid contact with skin and eyes.

**Protective equipment**

Wear appropriate personal protective equipment.

**Emergency procedures**

See information in sub-section above.

**Methods and materials for containment and cleanup**

Sweep up and collect in suitable container for disposal.  
Avoid dust formation.  
Wash area with soap and water.

---

### **SECTION 7: HANDLING AND STORAGE**

---

**Precautions for safe handling**

Avoid contact with skin and eyes.  
Avoid dust formation.  
Wear appropriate personal protective equipment.

**Conditions for safe storage including incompatibilities**

Keep containers tightly closed.  
Store at room temperature.

---

### **SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

---

**Exposure limits**

Chemical name	CAS#	Exposure Limit	Value
Brazilin, C.I. 75280	474-07-7	None established	

**Appropriate engineering controls**

Good general room ventilation.  
If required provide local exhaust ventilation, especially in confined areas.

## SAFETY DATA SHEET



**Product Name: Brazilin**

**Date: June 1, 2015**

**Page 3 of 5**

### Personal protective measures

<b>Respiratory protection</b>	None generally needed for this small volume. When risk assessment shows one is necessary, wear appropriate dust particle mask.
<b>Eye protection</b>	Use splash-proof goggles. An eyewash station must be nearby, no more than 10 seconds away.
<b>Skin protection</b>	Wear nitrile or chemical resistant gloves. Do not use latex surgical gloves for protection. Safety shower must be nearby, no more than 10 seconds away.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Rusty red powder
Odor	Characteristic sweet
Odor threshold	No data available
pH	Not applicable
Melting point/freezing point	No information available
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	Not applicable
Solubility(ies)	Moderate in water
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition	No information available
Viscosity	No information available

### SECTION 10: STABILITY AND REACTIVITY

#### Reactivity

No hazardous reactions if stored and handled as indicated.

#### Chemical stability

Stable under recommended storage conditions.

#### Possibility of hazardous reaction

The product is chemically stable.

#### Conditions to avoid

None.

#### Incompatible materials

Strong oxidants.

#### Hazardous decomposition products

No hazardous decomposition products if stored and handled as indicated.

## SAFETY DATA SHEET



**Product Name: Brazilin**

**Date: June 1, 2015**

**Page 4 of 5**

---

### **SECTION 11: TOXICOLOGICAL INFORMATION**

---

**Likely routes of exposure**

Skin, eye, inhalation.

**Symptoms related to physical, chemical and toxicological characteristics**

No information is known.

**Delayed and immediate effects**

No information is known.

**Chronic effects from short- and long-term exposure**

No information available.

**Numerical measures of toxicity**

Intraperitoneal (mouse)	LD <sub>50</sub> : 1,500 mg/kg, no toxic effect
-------------------------	---

**Assessment of other acute effects**

No information available.

**Carcinogenicity**

None as defined by 29 CFR 1900.1200.

---

### **SECTION 12: ECOLOGICAL INFORMATION**

---

**Ecotoxicity**

No environmental information is known.

**Persistence and degradability**

No environmental information is known.

**Bioaccumulative potential**

No environmental information is known.

**Mobility in soil**

No environmental information is known.

**Other adverse effects**

No information available.

---

### **SECTION 13: DISPOSAL CONSIDERATIONS**

---

Drain disposal may be possible with the permission of local wastewater treatment authorities. Otherwise contact a licensed professional waste disposal service to dispose of this material. Proper waste disposal is the generator's responsibility. Follow federal, state (provincial) and local regulations.

---

### **SECTION 14: TRANSPORT INFORMATION**

---

**DOT (USA)**

Not regulated as a dangerous good.

**IATA**

Not regulated as a dangerous good.

**Marine pollutant**

No information available.

## SAFETY DATA SHEET



**Product Name: Brazilin**

**Date: June 1, 2015**

**Page 5 of 5**

---

### **SECTION 15: REGULATORY INFORMATION**

---

#### **OSHA Hazard Communication Standard**

This product is not considered hazardous per 29 CFR 1910.1200.

---

### **SECTION 16: OTHER INFORMATION**

---

#### **Disclaimer**

Anatech Ltd. believes the information in the SDS was obtained from reliable sources. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn may be from sources other than direct test data on the substance itself. It is the user's responsibility to determine suitability of the product for his/her own use, and to assure proper use and disposal of it to protect the safety and health of employees and the protection of the environment.

#### **Date of preparation**

June 1, 2015