

**MSDS - Material Safety Data Sheet****Product Name: BlueStar Magnum Kit Solution - Distributed by Sirchie  
Finger Print Labs**

MSDS No.: FRA000052

**Warning: This is NOT a COMPLETE MSDS. This report contains specific sections from the MSDS****I. Basic Information:****Manufacturer:** Bluestar**Contact:** TECH SUPPORT**Address:** 16, Avenue de la Costa, Monaco**Information Telephone Number:** 919-554-2244**City, ST Zip:****Emergency Contact:** Chemtrec**Country:****Emergency Telephone Number:** 800-424-9300**Emergency Restrictions:****Product Name:** BlueStar Magnum Kit Solution - Distributed by Sirchie Finger Print Labs**MSDS No.:** FRA000052**Issue Date:** 01/27/2011**Supersedes Date:** Not Available**II. Hazards Identification:****EMERGENCY OVERVIEW**

Corrosive, Avoid contact with the skin and eyes. Skin and Eye irritant, If ingested may cause gastro-intestinal tract upset.

**OSHA Regulatory Status**

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product.

**Potential Health Effects****Route(s) of Entry:**

Ingestion, Skin, Eyes

**Health Hazards (Acute and Chronic):**

Corrosive

**Signs and Symptoms:**

Skin and Eye Irritant

**Medical Conditions Generally Aggravated by Exposure:**

Dermatitis

**Other Health Warnings:**

May cause fire if in contact with combustible materials

**Potential Environmental Effects**

May be harmful to certain aquatic creatures.

**III. Composition/Information on Ingredients:**

Chemical Name	CAS No.	% Range	Trade Secret
Sodium hydroxide	1310732	<1.0	

**IV. First Aid Measures:****Emergency and First Aid Procedures:**

Ingestion: DO NOT INDUCE VOMITING. Do not administer liquids. Transport to medical facility by ambulance.

Eyes: Flush with water for at least 15 minutes holding eyelids open, If irritation, redness, pain or impaired vision develops, contact a physician immediately.

Skin: Wash with soap and water. Remove contaminated clothing. Do not wash with solvents or thinners. If irritation develops, contact a physician

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**Note to Physicians:**

None specified.

### ***V. Fire Fighting Measures:***

**Suitable Extinguishing Media:**

Non-flammable Fight fire for surrounding materials. DO NOT USE WATER

**Unsuitable Extinguishing Media:**

Not relevant

**Products of Combustion:**

None known

**Protection of Firefighters:**

Be guided by fire in surrounding materials

### ***VI. Accidental Release Measures:***

**Personal Precautions:**

Avoid contact with eyes and skin

**Environmental Precautions:**

Prevent from entering drains or waterways

**Methods for Containment:**

Control leaks and spills with non-combustable materials.

**Methods for Cleanup:**

Use dry material for pickup such as sand, earth, vermiculite or diatomaceous earth. Place in drums. Dispose of according to local, state, and federal regulations.

**Other Information:**

None specified

### ***VII. Handling and Storage:***

**Handling Precautions:**

Wear gloves and eye protection

**Storage Precautions:**

Store in a cool, dry place. Alkaline. Do not store with acids

### ***VIII. Exposure Controls/Personal Protection:***

<b>Chemical Name</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits</b>
Sodium hydroxide	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	1,390 C

**Engineering Controls:**

None specified

**Personal Protective Equipment:**

Safety glasses, latex or nitrile gloves

# MSDS - Material Safety Data Sheet

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### IX. Physical and Chemical Properties:

**Boiling Point:** Not specified

**Boiling Range:** Not specified

**Solubility In Water:** Soluble

**Flash Point:** N/A

**Odor Threshold:** N/A

**Vapor Density (AIR = 1):** >1

**pH Range:** 10.1 - 12.4

**Decomposition Temp:** N/A

**Lower Explosive Limit:** Not Available

**Specific Gravity (H2O = 1):** Not Available

**Other Information:** Strongly basic (alkaline)

**Melting Point:** Not specified

**Freezing Point:** Not Specified

**Evaporation Rate (Butyl Acetate = 1):** Not Available

**Flash Point Method:** Not Available

**Appearance and Odor:** Not Available

**Vapor Pressure (mm Hg.):** Not Available

**Partition Coefficient:** Not Available

**Auto-Ignition Temp:** Not Available

**Upper Explosive Limit:** Not Available

### X. Stability and Reactivity:

**Stability:**

Normally stable

**Conditions to Avoid:**

N/A

**Incompatible Materials:**

Acids

**Hazardous Decomposition Products:**

N/A

**Possibility of Hazardous Reactions:**

None known

### XI. Toxicological Information:

Sodium hydroxide is listed on the TSCA inventory.

### XII. Ecological Information:

Prevent from entering streams and waterways. May be harmful to some aquatic animals.

### XIII. Disposal Considerations:

Dispose of according to local, state, and federal regulations.

### XIV. Transport Information:

**Shipping Name:** Not Available

**DOT Hazard Class:** Not Available

**UN/NA#:** Not Available

**Transportation Information:**

**DOT Subsidiary Hazard Class:** Not Available

**Packing Group:** Not Available

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MSDS No.: FRA000052

IATA

Shipping name: Chemical Kit

Hazard class: 9

UN no.: 3316

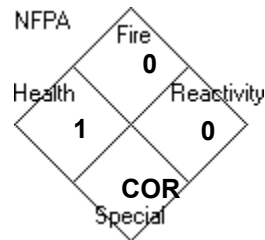
Packing group: II

**XV. Regulatory Information:**

Sodium hydroxide is listed on the TSCA inventory. See Section 14 for transport information.

**XVI. Other Information:**

**Chemical State:**  Liquid  Gas  Solid  
**Chemical Type:**  Pure  Mixture  
**Hazard Category:**  
 Acute  Chronic  Fire  
 Pressure  Reactive

**Additional Manufacturer Warnings:**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.

1	Health
0	Flammability
0	Physical Hazard
B	Pers. Protection

**Additional Product Information:**

Using this product under normal, properly instructed procedures should not be hazardous.