

# SAFETY DATA SHEET

Issue Date: February 25, 2014

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## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Name:** Rapid

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use:** All Purpose Cleaner – Ready to use

### Details of the Supplier of the Safety Data Sheet

**Supplier Address:** Luseaux Laboratories, Inc. Luseaux Laboratories Inc.  
4625 N Santa Fe Drive or 16816 Gramercy Place  
Kingman, AZ 86401 Gardena, CA 90247

### Emergency Telephone Number

**Company Phone Number:** Arizona Location: 928-692-0192  
California Location: 310-324-1555

**Emergency Telephone:** CHEMTREC: 1-800-424-9300

## SECTION 2: HAZARDS IDENTIFICATION

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**Appearance:** Blue Clear Liquid

**Physical State:** Liquid

**Odor:** Mild butyl odor

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                   | CAS No   | Weight-%        |
|---------------------------------|----------|-----------------|
| Ethylene Glycol Monobutyl Ether | 111-76-2 | Not identified* |

\*The specific percentages are not identified due to "Trade Secret" status. In emergency situations, further information may be obtained by calling the emergency information number listed above. Reference 29 CFR 1910.1200

## SECTION 4: FIRST AID MEASURES

### First Aid Measures

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin Contact** For prolonged skin contact, flush thoroughly with water and then apply hand lotion to restore natural skin oil. If symptoms persist, seek medical attention.

|                   |                                                                                                                                                                                  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b> | No known hazardous effects. If symptoms occur, remove to fresh air.                                                                                                              |
| <b>Ingestion</b>  | Clean mouth with water and drink, afterwards, plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Consult a physician. |

**Most Important Symptoms and Effects, both Acute and Delayed**

|                 |                                                                                                                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Symptoms</b> | Direct eye contact may cause redness, tearing and irritation. Prolonged contact with skin is indicated by redness of affected areas. Ingestion may result in nausea. Inhalation may cause coughing. |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Indication of any Immediate Medical Attention and Special Treatment Needed**

|                           |                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Note to Physicians</b> | Treat symptomatically. Chapped skin and pre-existing respiratory ailments may be aggravated by exposure. |
|---------------------------|----------------------------------------------------------------------------------------------------------|

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| <b>SECTION 5: FIRE-FIGHTING MEASURES</b> |
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**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media:** Not determined.

**Specific Hazards Arising from the Chemical**

None known.

**Protective Equipment and Precautions for Firefighters**

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

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| <b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b> |
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**Personal Precautions, Protective Equipment and Emergency Procedures**

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| <b>Personal Precautions:</b>     | Use personal protection recommended in Section 8.                         |
| <b>Environmental Precautions</b> | Prevent run off to storm sewers and ditches leading to natural waterways. |

**Methods and Material for Containment and Cleaning Up**

|                                 |                                                                                                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for Containment:</b> | Dike and contain spill.                                                                                                                        |
| <b>Methods for Cleaning Up:</b> | Wash small spills to sanitary sewer. Recover free liquid. Absorb with inert material, and then place in suitable container for chemical waste. |

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| <b>SECTION 7: HANDLING AND STORAGE</b> |
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**Precautions for Safe Handling**

|                                 |                                                                        |
|---------------------------------|------------------------------------------------------------------------|
| <b>Advice on Safe Handling:</b> | Handle in accordance with good industrial hygiene and safety practice. |
|---------------------------------|------------------------------------------------------------------------|

**Conditions for Safe Storage, Including and Incompatibilities**

**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place.  
Store away from food stuffs.

**Incompatible Materials:** None known.

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| <b>SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION</b> |
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**Exposure Guidelines**

| Chemical Name                                | ACGIH TLV     | OSHA PEL      | NIOSH IDLH |
|----------------------------------------------|---------------|---------------|------------|
| Ethylene Glycol<br>Monobutyl Ether, 111-76-2 | TWA: 20 ppm S | TWA: 50 ppm S | -          |

**Appropriate Engineering Controls**

**Engineering Controls** Apply technical measures to comply with occupational exposure limits.

**Individual Protections Measures, such as Personal Protective Equipment**

**Eye/Face Protection:** Risk of contact: Wear approved safety goggles.

**Skin and Body Protection:** Rubber or vinyl gloves for sensitive individuals.

**Respiratory Protection:** No protective equipment is needed under normal use conditions.

**General Hygiene Considerations:** Wash and dry hands thoroughly and apply hand lotion to restore skin oils.

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| <b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b> |
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**Information and Basic Physical and Chemical Properties**

**Physical State:** Liquid

**Odor:** Mild butyl odor

**Appearance:** Blue liquid

**Color:** Blue

**Odor Threshold:** Not determined

| PROPERTY                | VALUE          | PROPERTY                     | VALUE          |
|-------------------------|----------------|------------------------------|----------------|
| pH – 1% solution        | Approx: 6.5    | Melting/freezing point       | Unknown        |
| Boiling point           | > 212° F       | Flash Point                  | Not flammable  |
| Evaporation rate        | unknown        | Flammability                 | Not flammable  |
| Flammability limits/air | Not applicable | Vapor pressure               | Unknown        |
| Vapor density           | Unknown        | Specific gravity             | 1.0            |
| Water solubility        | Infinite       | Solubility in other solvents | Not determined |
| Partition coefficient   | Not determined | Auto-ignition temp           | Not determined |
| Decomposition temp      | Not determined | Kinematic viscosity          | Not determined |
| Dynamic viscosity       | Not determined | Explosive properties         | Not determined |
| Oxidizing properties    | Not determined | Bulk density                 | Not applicable |

|                                             |
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| <b>SECTION 10: STABILITY AND REACTIVITY</b> |
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**Reactivity**

Not reactive under normal conditions

**Chemical Stability**

Stable.

**Possibility of Hazardous Reactions**

None known. Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible Materials**

None known

**Hazardous Decomposition Products**

None known

|                                              |
|----------------------------------------------|
| <b>SECTION 11: TOXICOLOGICAL INFORMATION</b> |
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**Information on Likely Routes of Exposure****Product Information**

|                     |                                                        |
|---------------------|--------------------------------------------------------|
| <b>Eye Contact</b>  | Avoid contact with eyes.                               |
| <b>Skin Contact</b> | Not a primary skin irritant.                           |
| <b>Inhalation</b>   | Inhalation may be irritating to the respiratory tract. |
| <b>Ingestion</b>    | Do not taste or swallow.                               |

**Component Information**

| Chemical Name                                | Oral LD50         | Dermal LD50                                | Inhalation LC50                            |
|----------------------------------------------|-------------------|--------------------------------------------|--------------------------------------------|
| Ethylene Glycol<br>Monobutyl Ether, 111-76-2 | = 470 mg/kg (Rat) | = 2270 mg/kg (Rat)<br>= 220 mg/kg (Rabbit) | = 2.21 mg/L (Rat) 4h<br>= 450 ppm (Rat) 4h |

**Information on Physical, Chemical and Toxicological Effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity** Not classified as a human carcinogen.

| Chemical Name                                   | ACGIH | IARC    | NTP | OSHA |
|-------------------------------------------------|-------|---------|-----|------|
| Ethylene Glycol<br>Monobutyl Ether,<br>111-76-2 | A3    | Group 3 |     |      |

**Legend**

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

**Numerical Measures of Toxicity-Product**

Not determined

**SECTION 12: ECOLOGICAL INFORMATION**

Not determined.

**SECTION 13: DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

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

**Contaminated Packaging**

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

**SECTION 14: TRANSPORT INFORMATION****DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

**SECTION 15: REGULATORY INFORMATION****International Inventories****Legend:**

Not determined

**US Federal Regulations****SARA 313**

| Chemical Name                      | CAS No.  | Weight - % | SARA 313 – Threshold Values % |
|------------------------------------|----------|------------|-------------------------------|
| Ethylene Glycol<br>Monobutyl Ether | 111-76-2 | 1-10       | 1.0                           |

**US State Regulations**

Calif. Prop. 65 Warning: This product may contain a trace amount of one or more of the chemicals on the California list of known carcinogens or substances known to cause birth defects or other reproductive harm. These are not added to the product but occur naturally in the raw materials or processing equipment.

**SECTION 16: OTHER INFORMATION****NFPA****Health Hazards**

1

**Flammability**

0

**Instability**

0

**Special Hazards**

None

**HMIS****Health Hazards**

Not determined

**Flammability**

Not determined

**Physical Hazards**

Not determined

**Personal Protection**

Not determined

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information is designed only as 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 any process, unless specified in the text.

END OF SAFETY DATA SHEET