

# Safety Data Sheet

Part Number 327558

## Section 1. Substance Identity and Company Contact Information

<b>Product Name</b>	Branson GP	<b>Product Part Number(s)</b>	326714 and 259945
<b>Trade Name</b>	BRANSON GP 12-32 OZ CASE STK	<b>Unit Size</b>	12-32 oz case
<b>Company</b>	OI Analytical, P.O. Box 9010, College Station, TX 77842-9010, Phone: (979) 690-1711, Fax: (979) 690-0440		

**Emergency No. 1-800-424-9300 (Chemtrec).** Use only in the event of chemical emergencies involving spills, leaks, fire, exposure, or accidents involving chemicals.

## Section 2. Hazards Identification

**Pictogram(s)**



**Signal Word**

Warning

**Hazard Statement(s)**

May cause irritation, may be absorbed through the skin. May be harmful to fish.

**Target Organ(s)**

Lungs and upper respiratory tract, eyes, skin, liver, and kidney.

**Potential Health Effects**

Eye:	Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.
Skin:	Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling.
Ingestion:	May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.
Inhalation:	High concentrations of vapor or mists may cause irritation of the respiratory tract.

**Chronic Effects/ Carcinogenicity**

2-Butoxyethanol has caused red blood cell hemolysis in lab animals and secondary injury to the liver and kidney.

IARC:	No ingredients listed
NTP:	No ingredients listed
OSHA:	No ingredients listed

**Teratology (Birth Defects) Information**

No data available

**Reproductive Information**

No data

**NFPA Ratings**

Health:	0
Flammability:	0
Reactivity:	0

<b>HMIS Rating</b>	Health:	0
	Flammability:	0
	Reactivity:	0
	Protective Equipment:	Unknown

### Section 3. Chemical Composition and Data on Components

Ingredient	CAS No.	Percent	Hazard Data	
			ACGIH TLV	OSHA PEL
2-Butoxyethanol	11-76-2	< 7.0	25 ppm-skin	25 ppm-skin
Sodium Metasilicate	6834-92-0	< 7.0	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>

### Section 4. First Aid Measures

<b>General Advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
<b>If Inhaled</b>	Remove to fresh air. If not breathing, give artificial respiration.
<b>In Case of Skin Contact</b>	If breathing is difficult, give oxygen.
<b>In Case of Eye Contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>If Swallowed</b>	Seek medical attention immediately. Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Never give anything by mouth to an unconscious person.
<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>	No data available

### Section 5. Fire-fighting Measures

<b>General Information</b>	Wear a self contained breathing apparatus with a full face piece operated in the positive pressure demand mode. Chemical resistant PPE is recommended.
<b>Suitable Extinguishing Media</b>	Use appropriate methods for combating surrounding fire.
<b>Special Hazards Arising from the Substance or mixture</b>	No data available
<b>Advice for Firefighters</b>	No data available
<b>Flash Point</b>	None
<b>Autoignition Temperature</b>	No data available
<b>Further Information</b>	No data available

### Section 6. Accidental Release Measures

<b>Personal Precautions, Protective Equipment, and Emergency Procedures</b>	Use proper personal protective equipment as indicated in Section 8.
<b>Environmental Precautions</b>	No data available
<b>Methods and Materials for Containment and Cleaning</b>	Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Absorb spill with inert material (e.g. dry sand, earth). Prevent runoff from entering drains, sewers or other bodies of water. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.
<b>Reference to Other Sections</b>	For disposal, see Section 13.

## Section 7. Handling and Storage

<b>Precautions for Safe Handling</b>	Follow all SDS/label precautions even after container is emptied because they may contain product residues. Use with adequate ventilation. Do not get in eyes, on skin or clothing. Store in a cool dry place. Keep container closed when not in use. Keep out of reach of children.
<b>Conditions for Safe Storage, Including any Incompatibilities</b>	No data available
<b>Specific End Use(s)</b>	Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

## Section 8. Exposure Controls and Personal Protection

<b>Components with Workplace Control Parameters</b>	No data available
<b>Appropriate Engineering Controls</b>	Good general ventilation required.
<b>Eye/Face Protection</b>	Wear safety glasses or goggles.
<b>Skin Protection</b>	To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene), clothing and boots.
<b>Body Protection</b>	No data available
<b>Respiratory Protection</b>	When respiratory protection is required, use an organic vapor & particulate cartridge. All respiratory programs must meet OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements.
<b>Control of Environmental Exposure</b>	No data available

## Section 9. Physical and Chemical Properties

<b>Appearance</b>	Form: Liquid; Color: Red
<b>Odor</b>	Butyl odor
<b>Odor Threshold</b>	No data available
<b>pH</b>	12
<b>Melting Point/Freezing Point</b>	No data available
<b>Initial Boiling Point and Boiling Range</b>	100 °C/ 212 °F
<b>Flash Point</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Relative Density</b>	No data available
<b>Water Solubility</b>	No data available
<b>Partition Coefficient : n-octanol/water</b>	No data available
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available
<b>Other Safety Information</b>	No data available

## Section 10. Stability and Reactivity

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	High temperature
<b>Incompatible Materials</b>	Strong acids, alkalis, oxidizing agents

## Section 11. Toxicological Information

<b>Routes of Exposure</b>	<i>On the skin:</i>	May irritate
	<i>On the eye:</i>	May irritate
	<i>Inhalation:</i>	May irritate
	<i>Ingestion:</i>	May be harmful if swallowed.
<b>Respiratory or Skin Sensitization</b>	No sensitizing effects known	
<b>Signs and Symptoms of Overexposure</b>	Dermal exposure may cause local redness and swelling, pain, and discomfort. Prolonged skin contact may result in absorption of harmful amounts.	
<b>Toxicity Data</b>	<i>Oral rat LD50</i>	No data available

## Section 12. Ecological Information

<b>General Notes</b>	2-Butoxyethanol: Toxicity to fish-fathead minnow; 96h; LC50 Results: 1700 mg/l.
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## Section 13. Disposal Considerations

<b>Product</b>	Wastes must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Contaminated Packaging</b>	Dispose according to official regulations.

## Section 14. Transport Information

<b>DOT Shipping Name</b>	Corrosive liquid, basic, inorganic, N.O.S.
<b>UN Proper Shipping Name</b>	No data available
<b>DOT Hazard Class</b>	8
<b>Packing Group</b>	II
<b>UN Number</b>	UN3266
<b>Hazardous Ingredients</b>	No data available
<b>DOT Label</b>	No data available
<b>DOT Placard</b>	No data available
<b>IMDG Shipping Name</b>	No data available
<b>UN Number</b>	UN3266
<b>Class</b>	No data available
<b>Packing Group</b>	No data available
<b>IATA Shipping Name</b>	No data available
<b>Technical Shipping Name</b>	No data available
<b>IATA Hazard Class</b>	No data available
<b>UN Number</b>	UN3266
<b>Hazardous Ingredients</b>	No data available
<b>IATA Label</b>	No data available
<b>IATA Placard</b>	No data available

## Section 15. Regulatory Information

<b>OSHA Status</b>	No data available
<b>TSCA Status</b>	The intentional ingredients of product are listed.
<b>CERCLA Reportable Quantity</b>	No data available
<b>SARA Title III</b>	No data available
<b>RCRA Status</b>	Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s) No data available
<b>California Proposition 65</b>	No data available
<b>Chemical Weapons Convention</b>	No data available
<b>TSCA 12 (b)</b>	No data available
<b>SARA 311/312</b>	Acute: Yes Chronic: Yes Fire: No Pressure: No Reactivity: No
<b>Australian Hazchem Code</b>	No data available
<b>Poison Schedule</b>	No data available
<b>WHMIS</b>	No data available

## Section 16. Other Information

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Revised: May 29, 2015

For R&D use only. Not for drug, household, or other uses.

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