



## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 05.23.2019

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**Fonic Wash**

### SECTION 1: Identification

#### Product identifier

**Product name:** Fonic Wash

**Product code:** DT-100

#### Recommended use of the product and restriction on use

**Relevant identified uses:** High Pressure Soap, High Foaming Detergent

**Uses advised against:** NA

**Reasons why uses advised against:** Not determined or not applicable.

#### Manufacturer or supplier details

**Manufacturer:**

**United States**

JBS Industries

2550 Henkle Drive

Lebanon, Ohio 45036

513-228-2800

SBAETEN@JBSINDUSTRIES.COM

#### Emergency telephone number:

**North America**

CHEMTREC

800-424-9300 (24 hours)

### SECTION 2: Hazard(s) identification

#### GHS classification:

Carcinogenicity, category 1A

Specific target organ toxicity - single exposure, category 3, respiratory tract irritation

#### Label elements

##### Hazard pictograms:



**Signal word:** Danger

#### Hazard statements:

H350 May cause cancer.

H335 May cause respiratory irritation

#### Precautionary statements:

P202 Do not handle until all safety precautions have been read and understood

P280 Wear protective gloves/protective clothing/eye protection/face protection

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

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P271 Use only outdoors or in a well-ventilated area  
P308+P313 IF exposed or concerned: Get medical advice/attention  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P405 Store locked up  
P403+P233 Store in a well-ventilated place. Keep container tightly closed

**Hazards not otherwise classified:** None

### SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 52-51-7	Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	<25
CAS number: 1310-73-2	Sodium hydroxide	<25
CAS number: 111-76-2	2-Butoxyethanol	<25
CAS number: 68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	<25

**Additional Information:** None

### SECTION 4: First aid measures

#### Description of first aid measures

##### General notes:

Show this Safety Data Sheet to the doctor in attendance

##### After inhalation:

If inhaled, move to fresh air. Get medical attention if symptoms persist

##### After skin contact:

Wash off immediately with soap and plenty of water while removing contaminated clothing and shoes.  
See a physician if irritation persists

##### After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing. Get medical attention if irritation develops or persists

##### After swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by physician or poison control center. Rinse mouth with water. Never give anything to drink to an unconscious person. Seek medical advice

#### Most important symptoms and effects, both acute and delayed

##### Acute symptoms and effects:

Symptoms of overexposure may include disorientation, dizziness and confusion. May progress to unconsciousness, paralysis and convulsions. Effects are dependent on exposure (dose, concentration, contact time)

##### Delayed symptoms and effects:

Symptoms of poisoning may appear several hours later

#### Immediate medical attention and special treatment

##### Specific treatment:

None known

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### Notes for the doctor:

Treat symptomatically

## SECTION 5: Firefighting measures

### Extinguishing media

#### Suitable extinguishing media:

Alcohol- resistant foam, Dry chemical or Carbon dioxide

#### Unsuitable extinguishing media:

None known

### Specific hazards during fire-fighting:

Evacuate all personnel to a predetermined safe location, no less than 2,500 feet in all directions. Can explode or detonate under fire conditions. Burning material may produce toxic vapors

### Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA)

### Special precautions:

Avoid inhaling gases, fumes, mist, dust, vapor or aerosols. Avoid contact with eyes, skin, hair or clothing

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS  
Clean and neutralize spill area, tools and equipment by washing with water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13

### Environmental precautions:

Avoid discharge into drains, water courses or onto the ground. Prevent further leakage if safe to do so.  
Inform authorities if spill cannot be contained  
Keep material out of lakes, streams, ponds, and sewer drains

### Methods and material for containment and cleaning up:

Clean and neutralize spill area, tools and equipment by washing with water and soap. Absorb, restate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13

### Reference to other sections:

For disposal see section 13

## SECTION 7: Handling and storage

### Precautions for safe handling:

Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances.

### Conditions for safe storage, including any incompatibilities:

Store in cool and dry location and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use. Keep away from food and beverages. Protect from freezing and physical damage.

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### SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

#### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Sodium hydroxide	1310-73-2	Ceiling Limit: 2 mg/m <sup>3</sup>
	2-Butoxyethanol	111-76-2	TWA: 20 ppm
OSHA	Sodium hydroxide	1310-73-2	8-Hour TWA-PEL: 2 mg/m <sup>3</sup>
	2-Butoxyethanol	111-76-2	TWA: 50 ppm
	2-Butoxyethanol	111-76-2	TWA: 240 mg/m <sup>3</sup>
NIOSH	Sodium hydroxide	1310-73-2	Ceiling Limit: 2 mg/m <sup>3</sup> (REL)
	Sodium hydroxide	1310-73-2	IDLH: 10 mg/m <sup>3</sup>
	2-Butoxyethanol	111-76-2	IDLH: 700 ppm
	2-Butoxyethanol	111-76-2	TWA: 5 ppm

#### Biological limit values:

No biological exposure limits noted for the ingredient(s).

#### Information on monitoring procedures:

Not determined or not applicable.

#### Appropriate engineering controls:

Effective ventilation in all processing areas.

#### Personal protection equipment

##### Eye and face protection:

Safety goggles or safety glasses with side shields

##### Skin and body protection:

Impervious clothing, Chemical resistant gloves

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory protection

#### General hygienic measures:

Handle in accordance with good industrial hygiene and safety measures. Wash hands and face after handling chemical products. Wash hands before eating, drinking and smoking. Wash hands at the end of the workday.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance	Liquid
Odor	STD.
Odor threshold	Not determined or not available.
pH	7
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.

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<b>Upper flammability/explosive limit</b>	Not determined or not available.
<b>Lower flammability/explosive limit</b>	Not determined or not available.
<b>Vapor pressure</b>	Not determined or not available.
<b>Vapor density</b>	Not determined or not available.
<b>Density</b>	Not determined or not available.
<b>Relative density</b>	Not determined or not available.
<b>Solubilities</b>	Not determined or not available.
<b>Partition coefficient (n-octanol/water)</b>	Not determined or not available.
<b>Auto/Self-ignition temperature</b>	Not determined or not available.
<b>Decomposition temperature</b>	Not determined or not available.
<b>Dynamic viscosity</b>	Not determined or not available.
<b>Kinematic viscosity</b>	Not determined or not available.
<b>Explosive properties</b>	Not determined or not available.
<b>Oxidizing properties</b>	Not determined or not available.

### Other information

#### SECTION 10: Stability and reactivity

##### Reactivity:

Does not react under normal conditions of use and storage.

##### Chemical stability:

Stable under normal storage and handling conditions.

##### Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

##### Conditions to avoid:

Incompatible materials.

##### Incompatible materials:

Strong oxidizing agents.

##### Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

#### SECTION 11: Toxicological information

##### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

##### Substance data:

Name	Route	Result
Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	dermal	LD50 Rat: 1600 mg/kg
	oral	LD50 Rat: 180 mg/kg
2-Butoxyethanol	oral	LD50 Rat: 470 mg/kg
	dermal	LD50 Rabbit: 220 mg/kg
	inhalation	LC50 Rat: 450 ppmV (4H)
Benzenesulfonic acid, C10-16-alkyl derivatives	inhalation	LC50 Rat: 1.9 mg/L (4 Hr)
	dermal	LD50 Rabbit: 5000 mg/kg

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### Skin corrosion/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

Name	Result
Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	Causes skin irritation.
Sodium hydroxide	Corrosive to the skin.
2-Butoxyethanol	Causes skin irritation
Benzenesulfonic acid, C10-16-alkyl derivatives	Causes severe skins burns and eye damage.

### Serious eye damage/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

Name	Result
Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	Causes serious eye damage.
Sodium hydroxide	Corrosive effect on the eyes.
2-Butoxyethanol	Causes eye irritation
Benzenesulfonic acid, C10-16-alkyl derivatives	Causes serious eye damage.

### Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

Name	Result
2-Butoxyethanol	Eye irritation - 24 h
	Skin irritation - 20 h

### Carcinogenicity

**Assessment:**

May cause cancer.

**Product data:** No data available.

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):**

Name	Classification
2-Butoxyethanol	Group 3

**National Toxicology Program (NTP):** None of the ingredients are listed.

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

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### Product data:

No data available.

**Substance data:** No data available.

### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

### Product data:

No data available.

**Substance data:**

Name	Result
2-Butoxyethanol	Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

### Specific target organ toxicity (single exposure)

#### Assessment:

May cause respiratory irritation.

#### Product data:

No data available.

**Substance data:**

Name	Result
Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	May cause respiratory irritation.

### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

#### Product data:

No data available.

**Substance data:** No data available.

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

#### Product data:

No data available.

**Substance data:** No data available.

### Information on likely routes of exposure:

No data available.

### Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

### Other information:

No data available.

## SECTION 12: Ecological information

### Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	EC50 Water flea: 2.9 mg/L (24 hr)
	LC50 Freshwater fish: 35.7 mg/L (96 hr)

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Name	Result
2-Butoxyethanol	EC50 Daphnia magna (Water flea): 1,550 mg/L (48 h)

### Chronic (long-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Persistence and degradability

**Product data:** No data available.

**Substance data:**

Name	Result
Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	Readily biodegradable in water.
Benzenesulfonic acid, C10-16-alkyl derivatives	Under test conditions no biodegradation observed.

### Bioaccumulative potential

**Product data:** No data available.

**Substance data:**

Name	Result
Sodium hydroxide	The substance has a low potential for bioaccumulation.

### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.

## SECTION 13: Disposal considerations

### Disposal methods:

It is the responsibility of the waste generator to characterize all waste material according to regulatory entities

**Contaminated packages:** Not determined or not applicable.

## SECTION 14: Transport information

### United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not Regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

### International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None



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Environmental hazards	None
Special precautions for user	None

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

## SECTION 15: Regulatory information

### United States regulations

#### Inventory listing (TSCA):

52-51-7	Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	Listed
1310-73-2	Sodium hydroxide	Listed
111-76-2	2-Butoxyethanol	Listed
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	Listed

#### Significant New Use Rule (TSCA Section 5):

111-76-2	2-Butoxyethanol	Listed
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Export notification under TSCA Section 12(b): Not determined.

SARA Section 302 extremely hazardous substances: Not determined.

#### SARA Section 313 toxic chemicals:

52-51-7	Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	Not Listed
1310-73-2	Sodium hydroxide	Not Listed
111-76-2	2-Butoxyethanol	Not Listed
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	Not Listed

#### CERCLA:

1310-73-2	Sodium hydroxide	Listed	1000 lbs
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RCRA: Not determined.

Section 112(r) of the Clean Air Act (CAA): Not determined.

#### Massachusetts Right to Know:

52-51-7	Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	Not Listed
1310-73-2	Sodium hydroxide	Listed
111-76-2	2-Butoxyethanol	Listed
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	Not Listed

#### New Jersey Right to Know:

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52-51-7	Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	Not Listed
1310-73-2	Sodium hydroxide	Listed
111-76-2	2-Butoxyethanol	Listed
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	Not Listed

### New York Right to Know:

52-51-7	Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	Not Listed
1310-73-2	Sodium hydroxide	Listed
111-76-2	2-Butoxyethanol	Listed
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	Not Listed

### Pennsylvania Right to Know:

52-51-7	Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	Not Listed
1310-73-2	Sodium hydroxide	Listed
111-76-2	2-Butoxyethanol	Listed
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	Not Listed

**California Proposition 65:** None of the ingredients are listed.

## SECTION 16: Other information

**Abbreviations and Acronyms:** None

### Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 0-0-0

**HMIS:** 0-0-0

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**End of Safety Data Sheet**