



## BOUMATIC LLC

### Safety Data Sheet Tru Blu IO Wash

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#### SECTION 1: Identification

##### 1.1 Product identifier

Product name Tru Blu IO Wash

Product number 8983043

##### 1.2 Other means of identification

Iodine Udder Wash

##### 1.4 Supplier's details

Name Boumatic LLC  
Address 2001 S. Stoughton  
Madison, WI 53716  
USA

Telephone 608-222-3484  
email SDS@Boumatic.com

##### 1.5 Emergency phone number(s)

24-Hour Emergency  
1-800-255-3294 (U.S.)  
001-813-248-0585 (International)

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#### SECTION 2: Hazard identification

##### General hazard statement

The product is classified and labeled according to the Globally Harmonized System (GHS).

##### 2.1 Classification of the substance or mixture

###### GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Skin corrosion/irritation, Cat. 1B
- Eye damage/irritation, Cat. 2A

##### 2.2 GHS label elements, including precautionary statements

###### Pictogram

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### Hazard statement(s)

H314 Causes severe skin burns and eye damage  
H319 Causes serious eye irritation

### Precautionary statement(s)

P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P264 Wash ... thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P280 Wear eye protection/face protection.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor/...  
P321 Specific treatment (see ... on this label).  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.  
P405 Store locked up.  
P501 Dispose of contents/container to ...

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. Alcohols, c9-11, ethoxylated

Concentration Not specified  
EC no. 614-482-0  
CAS no. 68439-46-3

- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1

H302 Harmful if swallowed  
H318 Causes serious eye damage

##### 2. Phosphoric acid

Concentration Not specified  
EC no. 231-633-2  
CAS no. 7664-38-2  
Index no. 015-011-00-6

- Skin corrosion/irritation, Cat. 1B

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H314

Causes severe skin burns and eye damage

### 3. Lae iodine complex

Concentration  
CAS no.

Not specified  
68439-47-4

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Immediately remove any clothing soiled by the product.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Drink copious amounts of water and provide fresh air. Consult a physician.
Personal protective equipment for first-aid responders	No further relevant information available.

### 4.2 Most important symptoms/effects, acute and delayed

No further relevant information available.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

No further relevant information available.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Specific hazards arising from the chemical

No further relevant information available.

### 5.3 Special protective actions for fire-fighters

No special measures required.

#### Further information

No further relevant information available.

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## SECTION 6: Accidental release measures

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

Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

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### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel). Keep in suitable, closed containers for disposal.

#### Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. For precautions see section 2.2.

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

Keep container tightly closed in a dry and well-ventilated place.

#### Specific end use(s)

No further relevant information available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. Phosphoric acid (CAS: 7664-38-2 EC: 231-633-2)

PEL (Inhalation): 1 mg/m<sup>3</sup>; USA (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 1 mg/m<sup>3</sup>, (ST) 3 mg/m<sup>3</sup>; USA (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 1 mg/m<sup>3</sup>, (ST) 3 mg/m<sup>3</sup>; USA (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TLV® (Inhalation): 1 mg/m<sup>3</sup>, (ST) 3 mg/m<sup>3</sup>; USA (ACGIH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 8.2 Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests, no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of glove material on consideration of penetration times, rates of diffusion and degradation.

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### Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

In case of brief exposure or low pollution, use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

### Thermal hazards

No data available

### Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid, Dark
Odor	Iodine
Odor threshold	Not determined
pH	at 20 C (68 F): < 2
Melting point/freezing point	Not determined
Initial boiling point and boiling range	100 C (212 F)
Flash point	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable
Upper/lower flammability limits	Not determined
Vapor pressure	at 20 C (68 F): 23 hPa (17 mm Hg)
Vapor density	at 20 C (68 F): 1.05 g/cm (8.762 lbs/gal)
Relative density	Not determined
Solubility(ies)	Not difficult to mix
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Product is not selfigniting
Decomposition temperature	Not determined
Viscosity	Dynamic at 20 C (68 F): 20 mPas
Explosive properties	Product does not present an explosion hazard
Oxidizing properties	

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known.

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### 10.4 Conditions to avoid

No further relevant information available.

### 10.5 Incompatible materials

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Phosphoric acid : Strong bases, Powdered metals

### 10.6 Hazardous decomposition products

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Phosphoric acid : Hazardous decomposition products formed under fire conditions. - Oxides of phosphorus  
Other decomposition products - No data available

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Skin corrosion/irritation

Causes severe skin burns.

#### Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory or skin sensitization

Strong caustic effect on skin and mucous membranes.

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

IARC (International Agency for Research on Cancer): None of the ingredients listed.

NTP (National Toxicity Program): None of the ingredients listed.

OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients listed.

#### Reproductive toxicity

No data available

#### Summary of evaluation of the CMR properties

Carcinogenic categories: IARC (International Agency for Research on Cancer), NTP (National Toxicology Program),

OSHA-Ca (Occupational Safety and Health Administration): None of the ingredients listed.

#### STOT-single exposure

No data available

#### STOT-repeated exposure

No data available

#### Aspiration hazard

No data available

#### Additional information

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To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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### SECTION 12: Ecological information

#### **Toxicity**

Aquatic toxicity: No further relevant information available.

#### **Persistence and degradability**

No further relevant information available.

#### **Bioaccumulative potential**

No further relevant information available.

#### **Mobility in soil**

No further relevant information available.

#### **Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

#### **Other adverse effects**

No further relevant data available.

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### SECTION 13: Disposal considerations

#### **Disposal of the product**

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Non Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

#### **Disposal of contaminated packaging**

Disposal must be made according to official regulations.

#### **Waste treatment**

Disposal must be made according to official regulations.

#### **Sewage disposal**

Disposal must be made according to official regulations.

#### **Other disposal recommendations**

Disposal must be made according to official regulations.

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### SECTION 14: Transport information

#### **DOT (US)**

UN Number: UN3264

Class: 8 Corrosive Substances

Packing Group: II

Proper Shipping Name: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Phosphoric Acid)

Reportable quantity (RQ): NA

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Marine pollutant: No  
Poison inhalation hazard: NA

### IMDG

UN Number: UN3264  
Class: 8 Corrosive Substances  
Packing Group: II  
EMS Number: F-A-S-B  
Proper Shipping Name: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Phosphoric Acid)

### IATA

UN Number: UN3264  
Class: 8 Corrosive Substances  
Packing Group: II  
Proper Shipping Name: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Phosphoric Acid)

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### Massachusetts Right To Know Components

Phosphoric acid  
CAS number: 7664-38-2

#### New Jersey Right To Know Components

Phosphoric acid  
CAS number: 7664-38-2

#### Pennsylvania Right To Know Components

Phosphoric acid  
CAS number: 7664-38-2

#### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

#### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### 15.2 Chemical Safety Assessment

Keep out of reach of children. Read label before use. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

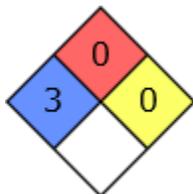
# Safety Data Sheet

## Tru Blu IO Wash

### HMIS Rating

Tru Blu IO Wash	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

### NFPA Rating



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## SECTION 16: Other information

### 16.1 Further information/disclaimer

DISCLAIMER: 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, express 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 information for their particular purposes. In no event shall BouMatic be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if BouMatic has been advised of the possibility of such damages.

### 16.2 Preparation information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.