



BOUMATIC LLC

Safety Data Sheet Acid Bac 30

SECTION 1: Identification

1.1 Product identifier

Product name Acid Bac 30

Product number 8983993

1.2 Other means of identification

Acid Backflush

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)

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. 1
- Eye damage/irritation, Cat. 1
- Sensitization, respiratory, Cat. 1A

2.2 GHS label elements, including precautionary statements

Pictogram

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Signal word

Danger

Hazard statement(s)

H314
H318
H334

Causes severe skin burns and eye damage
Causes serious eye damage
May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statement(s)

P260
P261
P264
P280
P280
P284
P301+P330+P331
P303+P361+P353

P304+P340
P305+P351+P338

P310
P321
P342+P311
P363
P405
P501

Do not breathe dust/fume/gas/mist/vapors/spray.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash ... thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Wear eye protection/face protection.
[In case of inadequate ventilation] wear respiratory protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor/...
Specific treatment (see ... on this label).
If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
Wash contaminated clothing before reuse.
Store locked up.
Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. 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

H314 Causes severe skin burns and eye damage

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

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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.
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.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

CO₂, extinguishing powder or spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Specific hazards arising from the chemical

No further relevant information available.

5.3 Special protective actions for fire-fighters

CO₂, extinguishing powder or spray. Fight larger fires with water spray or alcohol resistant foam.

Further information

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

Do not allow to enter sewers/surface or ground water.

6.3 Methods and materials for containment and cleaning up

Use neutralizing agent. Dispose contaminated material as waste according to official regulations. Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion in the workplace.
Prevent the formation of aerosols.

Information about protection against explosions and fires: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Corrosive to Aluminum.

Requirements to be met by storerooms and receptacles: No special requirements.

Information about one common storage facility: Not required.

Keep receptacle tightly sealed.

Specific end use(s)

No further relevant information available.

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/m³; USA (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1 mg/m³, (ST) 3 mg/m³; USA (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 1 mg/m³, (ST) 3 mg/m³; USA (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 1 mg/m³, (ST) 3 mg/m³; USA (ACGIH)

OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Components with limit values that require monitoring at the workplace: 7664-38-2 Phosphoric Acid (30%).

PEL Long-term value: 1 mg/m

REL Short-term value: 3 mg/m

REL Long-term value: 1 mg/m

TVL Short-term value: 3 mg/m

TVL Long-term value: 1 mg/m

The lists that were valid during the creation were used as basis.

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

Eye/face protection

Tightly sealed goggles.

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.

Body protection

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Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and the end of work.
Avoid contact with skin and eyes.

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

Thermal decomposition/conditions to avoid: No decomposition if used according to specifications.

Environmental exposure controls

Must not reach bodies of water or drainage ditch undiluted or unneutralized.
Water hazard class 1 (Self-assessment): slightly hazardous for water.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Not determined
Odor	Characteristic
Odor threshold	Not determined
pH	<3
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable
Upper/lower flammability limits	Not applicable
Upper/lower explosive limits	Not determined
Vapor pressure	23 hPa (17 mm/hg)
Vapor density	Not determined
Relative density	1.18 g/mL
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	Not determined
Explosive properties	Product does not present an explosion hazard
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

10.2 Chemical stability

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

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

Phosphoric acid : Strong bases, Powdered metals

10.6 Hazardous decomposition products

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

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Corrosive

Irritant

Swallowing will lead to strong caustic effect on the mouth and throat and to the danger of perforation of the esophagus and stomach.

Skin corrosion/irritation

Strong caustic effect on skin and mucous membranes.

Serious eye damage/irritation

Strong caustic effect. Irritating effect.

Respiratory or skin sensitization

Strong caustic effect on skin and mucous membranes.

Germ cell mutagenicity

Substance is not listed.

Carcinogenicity

Substance is not listed.

Reproductive toxicity

Substance is not listed.

Summary of evaluation of the CMR properties

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

STOT-single exposure

Substance is not listed.

STOT-repeated exposure

Substance is not listed.

Aspiration hazard

Substance is not listed.

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Additional information

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

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

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

Water Hazard Class 1 (Self-assessment): slightly hazardous for water.

SECTION 13: Disposal considerations

Disposal of the product

Must not be disposed together with household garbage.

Disposal of contaminated packaging

Disposal must be made according to official regulations.

Waste treatment

Disposal must be made according to official regulations.

Sewage disposal

Do not allow product to reach sewage system.

SECTION 14: Transport information

DOT (US)

UN Number: UN3264

Class: 8

Packing Group: II

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

Reportable quantity (RQ):

Marine pollutant: No

Poison inhalation hazard: Hazard

IMDG

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

IATA

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

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.

HMIS Rating

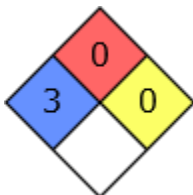
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HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



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.