

Safety Data Sheet Atlas Pre-Post Base

SECTION 1: Identification

1.1 Product identifier

| | |
|----------------|---------------------|
| Product name | Atlas Pre-Post Base |
| Product number | 8983147 |

1.3 Recommended use of the chemical and restrictions on use

Do not mix with any other chemicals other than ATLAS PRE-POST ACTIVATOR as instructed on product label.

1.4 Supplier's details

| | |
|-----------|---|
| Name | Boumatic LLC |
| Address | 1919 S. Stoughton Road Madison WI 53716 USA |
| Telephone | 608-222-3484 |
| email | itadmin@boumatic.com |

1.5 Emergency phone number(s)

1-800-255-3924

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

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

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

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H302
H314

Harmful if swallowed
Causes severe skin burns and eye damage

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H318

Causes serious eye damage

Precautionary statement(s)

P260

Do not breathe dust/fume/gas/mist/vapors/spray.

P264

Wash ... thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P280

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

P301+P312

IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell,

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).

P330

Rinse mouth.

P363

Wash contaminated clothing before reuse.

P405

Store locked up.

P501

Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Sodium chlorite

Concentration

10 - 20 % (weight)

CAS no.

7758-19-2

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

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No further relevant information available.

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 further relevant information available.

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.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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.

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.

Corrosive to Aluminum.

Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

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

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Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

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.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

| | |
|---|---|
| Appearance/form (physical state, color, etc.) | Liquid, pale yellow |
| Odor | Chlorine |
| Odor threshold | Not determined |
| pH | 11.0 - 12.0 |
| Melting point/freezing point | Not determined |
| Initial boiling point and boiling range | 100 C (212 F) |
| Flash point | Not determined |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | Not applicable |
| Upper/lower flammability limits | Not determined |
| Vapor pressure | at 20 C (68 F) |
| Vapor density | Not determined |
| Relative density | 1.1049 g/mL |
| Solubility(ies) | Miscible and not difficult to mix. |
| Partition coefficient: n-octanol/water | Not determined |
| Auto-ignition temperature | Product is not self-igniting |
| 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

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

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No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No further relevant information available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No further relevant information available.

Skin corrosion/irritation

Causes severe skin burns.

Serious eye damage/irritation

Risk of serious damage to eyes.

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

May be harmful if swallowed and enters airways

Additional information

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

SECTION 12: Ecological information

Toxicity

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Toxic to aquatic life.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data 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.

SECTION 13: Disposal considerations

Disposal of the product

Product should not be allowed to enter drains, water courses, or the soil. Sodium Chlorite is toxic to fish and aquatic organisms. If product is spilled or becomes a waste, it must be disposed of in accordance with local, state, and federal regulations. Dispose of waste in an approved waste disposal facility.

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.

SECTION 14: Transport information

DOT (US)

UN Number: UN1908

Class: 8 Corrosive substance

Packing Group: II

Proper Shipping Name: Chlorite solution

Marine pollutant: Yes

IMDG

UN Number: UN1908

Class: 8 Corrosive substance

Packing Group: II

Proper Shipping Name: Chlorite solution

SECTION 15: Regulatory information

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

New Jersey Right To Know Components

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Common name: SODIUM CHLORITE
CAS number: 7758-19-2

Pennsylvania Right To Know Components

Chemical name: Chlorous acid, sodium salt
CAS number: 7758-19-2

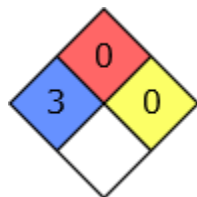
15.2 Chemical Safety Assessment

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

| Atlas Pre-Post Base | |
|---------------------|---|
| HEALTH | 3 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | |

NFPA Rating



SECTION 16: Other information

Do not mix with any other chemicals other than ATLAS PRE-POST ACTIVATOR as instructed on product label.

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.