

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product Name: **Boost WP™**

1.2 Recommended use of the mixture

Identified uses: Fertilizer

1.3 Suppliers details

Company: EarthWorks, 30 Morgan Hill Rd., Easton, PA 18042, USA
Telephone: +1 800-732-8873
Fax: +1 610-250-7840

1.4 Emergency telephone number: +1 610-250-9560

2. HAZARD IDENTIFICATION

2.1 Classification of the mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Not classified

2.2 GHS Label elements, including precautionary statements

Pictogram:



Single word: Caution

Hazard statements

H302: Harmful if swallowed
H316: Causes mild skin irritation
H320: Causes eye irritation
H335: May cause respiratory irritation

Precautionary Statements

P264: Wash skin after handling
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312: Call a doctor if you feel unwell
P302+P352: IF ON SKIN: Wash with plenty of soap and water
P305 + P351+ P338: IF IN EYES: IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses if present and easy to do. Continue rinsing.
P333+313: If skin irritation or a rash occurs: Get medical advice/attention.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

	CAS Number
Monoammonium phosphate	7722-76-1
Monopotassium phosphate	7778-77-0
Potassium nitrate	7757-79-1
Magnesium sulfate	10034-99-8
Kelp	-
Humates	-

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Move person into fresh air. Consult a physician if symptoms occur..

In case of skin contact: Wash off with soap and water.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: No known significant effects or critical hazards.

Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Eye contact: No known significant effects. May cause irritation due to mechanical action.

Ingestion: No known significant effects or critical hazards.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. FIREFIGHTING MEASURES

5.1 Suitable extinguishing media

Alcohol-resistant foam, dry chemical or carbon dioxide can be used as extinguishing materials.

5.2 Special hazards arising from the substance or mixture

Carbon oxide, carbon monoxide, nitrous oxides (NO_x), potassium oxide .

5.3 Advice for firefighters

No data available

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid drying and dust formation. Ensure adequate ventilation. Avoid breathing dust.



6.2 Environmental precautions

Avoid dispersal of spilled material and runoff and contact with waterways, drains and sewers. Inform the relevant authorities if the product has spilled into sewers or waterways.

6.3 Methods and materials for containment and cleaning up

Reuse if not contaminated by other materials or soak up with diatomaceous earth or other suitable absorbent.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of aerosols.
Provide appropriate exhaust ventilation at places where mist is formed.
Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Keep container dry and tightly closed. Do not store below 32°F (0°C) or exceed 99°F (37°C).
Do not store in sunlight.

7.3 Specific end use(s)

No other specific uses are stipulated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters: No exposure limit known.

8.2 Exposure controls

Appropriate engineering controls

Avoid generating mist. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection

Butyl rubber, neoprene, or rubber gloves.

Eye Protection

Safety glasses. See 8.3.

8.3 Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with appropriate gloves. Gloves must be inspected prior to use. Wash and dry hands.

Body Protection

Resistant protective clothing.

Respiratory protection

The product is a liquid; therefore this is an unlikely route of exposure (see 7.1)

Control of environmental exposure

Follow best practice for site management and disposal of waste.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	brown liquid
Odor	fish
Odor threshold	No data available
pH	6.3
Melting point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability	No data available
Upper/lower flammability or explosive limits	not applicable
Vapor pressure	No data available
Vapor density	No data available
Water solubility	Soluble in water
N-octanol partition coefficient	No data available
Auto ignition temperature	No data available
Decomposition temperature	> 70° C (158° F)
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

9.2 Other safety data

No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

Keep container dry and tightly closed. Do not store below 32°F (0°C) or exceed 99 °F (37 °C).

10.3 Possibility of hazardous reactions

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

10.4 Conditions to avoid

Sunlight, heat >99 °F (37 °C).

10.5 Incompatible materials

Strong reducing or oxidizing agents.

10.6 Hazardous decomposition products

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

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

No data available

Inhalation

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No components of this product are present at levels greater than or equal to 0.1% identified as a known or anticipated carcinogen by IARC.

ACGIH: No components of this product are present at levels greater than or equal to 0.1% identified as a known or anticipated carcinogen by ACGIH.

NTP: No components of this product are present at levels greater than or equal to 0.1% identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

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

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

No data available

12.2 Persistence and degradability

May cause eutrophication.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Dispose of content and/or container in accordance with local, regional, national, and/or International regulations

14. TRANSPORT INFORMATION**DOT (US)**

Not dangerous goods

15. REGULATORY INFORMATION**SARA 302 Components**

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

SARA 313 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

California Proposition 65 Components

This product does not contain any chemicals known to State of California to cause cancer or reproductive toxicity.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide. No representations, warranty or guarantee is made as to its accuracy, reliability or completeness. No warranty of merchantability, fitness for any other purpose other than the identified use stated herein. No other warranty, expressed or implied is made concerning the information herein provided.