



710C BLAST HP

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product Name : BLAST 710C HP

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Industrial application

1.3. Details of the supplier of the safety data sheet

West End Products, LLC dba CrystalTek
1016 Windward Ridge Parkway
Alpharetta, GA 30005
T (770) 643-8501

1.4. Emergency telephone number

Emergency number : 800-633-8253 (Domestic/Canada) and 801-629-0667 (International)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Acute Tox. 4 (Inhalation:dust,mist) H332 - Acute toxicity (inhalation:dust,mist) Category 4
Eye Dam./Irrit. 2A H319 - Serious eye damage/eye irritation Category 2A
Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H319 - Causes serious eye irritation
H332 - Harmful if inhaled

Precautionary statements (GHS-US) : P261 - Avoid breathing fumes/mist/vapor/spray
P264 - Wash hands with plenty of water and soap thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear eye/face protection
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.
P312 - Call a POISON CENTER if you feel unwell
P337+P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

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SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Benzyl alcohol	(CAS No) 100-51-6	<9	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Call a poison center/doctor/physician if you feel unwell.
First-aid measures after inhalation : Remove to fresh air and keep in position comfortable for breathing.
First-aid measures after skin contact : Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.
First-aid measures after ingestion : If swallowed, consume water to dilute. Rinse mouth. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : Causes lung irritation after prolonged exposure.
Symptoms/injuries after skin contact : May cause an allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

- Reactivity : The product is non-reactive under normal conditions of use, storage and

5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective clothing. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Protect skin and eyes from exposure. Avoid breathing vapor.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Confine spill, soak up with approved absorbent, shovel product into suitable container for disposal.

6.4. Reference to other sections

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For further information, refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid generating mist.
Hygiene measures : Do not eat, drink, or smoke while using this product. Always wash hands after

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
Incompatible products : Strong oxidizers, metals, strong bases.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure controls

Appropriate engineering controls : Emergency eye wash stations should be available in the immediate vicinity.
Ensure good ventilation of the work space.
Hand protection : Nitrile or rubber gloves.
Eye protection : Chemical goggles or safety glasses.
Skin and body protection : General clothing is adequate.
Respiratory protection : Wear NIOSH/MSHA approved respiratory protection in enclosed areas.
Environmental exposure controls : Avoid release into sewers and public waters.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : colorless
Odor : negligible
Odor Threshold : No data available
pH (5% aqueous sol'n) : 6.5-7.5 @ 20°C (68°F)
Melting point : No data available
Freezing point : No data available
Boiling point : >450F (est.)
Flash point : >220F closed cup (est.)
Relative evaporation rate (butyl acetate=1) : No data available
Flammability (solid, gas) : No data available
Explosion limits : No data available
Explosive properties : No data available
Oxidizing properties : No data available
Vapor pressure : <0.05 mmHg (est.)
Relative density : 1.18 @ 20°C (68°F)
Relative vapor density at 20°C : No data available
Solubility : appreciable
Log Pow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available

9.2. Other information

VOC content (method 24) (calculated) : 8.0%

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical Stability

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Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Heat, other ignition sources, and oxidizing conditions.

10.5. Incompatible materials

Strong oxidizing agents, peroxids, strong acids, and strong bases.

10.6. Hazardous decomposition products

Products of combustion include smoke, fumes or vapors, carbon oxides (including carbon monoxide), hydrocarbons.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity :

Benzyl alcohol (100-51-6)

LD 50 oral rat	1230 mg/kg
LD50 dermal rabbit	2 g/kg
LC50 inhalation rat	8.8 mg/l/4h
ATE US (oral)	1230.000 mg/kg body weight
ATE US (dermal)	2000.000 mg/kg body weight
ATE US (gases)	4500.000 ppm/4h
ATE US (vapors)	8.800 mg/l/4h
ATE US (dust, mist)	1.500 mg/l/4h

Skin corrosion/irritation : Not classified.
Serious eye damage/irritation : Not classified.
Respiratory or skin sensitization : Not classified.
Germ cell mutagenicity : Not classified.
Carcinogenicity : Not classified.
Reproductive toxicity : Not classified.
Specific target organ toxicity (single) : Not classified.
Specific target organ toxicity (repeated) : Not classified.
Aspiration hazard : Not classified.
Symptoms/injuries after inhalation : Danger of serious damage to health by prolonged exposure through inhalation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology-general : This product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Benzyl alcohol (100-51-6)

LC50 fish 1	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 Daphnia 1	23 mg/l (Exposure time: 48 h - Species: water flea)
LC50 fish 2	10 mg/l (Exposure time 96 h - Species: Lepomis macrochirus)

12.2. Persistence and degradability

Biodegradation.

12.3. Bioaccumulative potential

Benzyl alcohol (100-51-6)

Log Pow	1.1
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12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in accordance with local, state/provincial, and national requirements.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT
Not regulated for transport

TDG

No additional information available.

Transport by sea

Class (IMDG) : Not regulated for transport

Air transport

Class (IATA) : Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

Benzyl alcohol (100-51-6)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

15.2. International regulations

CANADA

Benzyl alcohol (100-51-6)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects.
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EU-Regulations

No additional information available.

National Regulations

Benzyl alcohol (100-51-6)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Canadian IDL (Ingredient Disclosure List)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on Turkish inventory of chemicals

15.3. US State regulations

Benzyl alcohol (100-51-6)

U.S. - Massachusetts - Right to Know List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other Information

Full text of H-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Flam. Liq. 4	Flammable liquids Category 4
H227	Combustible liquid

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H302	Harmful if swallowed
H312	Harmful in contact with skin
H319	Causes serious eye irritation
H332	Harmful if inhaled

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed