



# 709C+ 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 : 709C+ Blast HP

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

Use of the substance/mixture : Industrial use

#### 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

Skin Corrosive 2, Eye Irritant 2A, Hazardous to aquatic environment  
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) : H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H332 - Harmful if inhaled  
H402 - Harmful to aquatic life

Precautionary statements (GHS-US) : P261 - Avoid breathing fumes/mist/vapor/spray  
P264 - Wash exposed skin thoroughly after handling  
P273 - Avoid release into environment  
P280 - Wear protective gloves to avoid prolonged exposure  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
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
Dimethyl adipate	(CAS No) 627-93-0	1.30 - 1.82	Acute Tox. 4 (Oral), H302

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 skin contact	: May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: Causes serious eye damage with prolonged exposure.

#### 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 transport.

#### 5.3. Advice for firefighters

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

### 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 : Spill should be contained, solidified, and placed in suitable containers for disposal.

#### 6.4. Reference to other sections

For further information, refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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Precautions for safe handling	: Store in a cool, well ventilated area away from incompatible materials. Prevent electrostatic charge.
Hygiene measures	: Do not eat, drink, or smoke while using this product. Always wash hands after handling the product.

### 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	: Acids, alkalines, substances with a strong acid reaction.

## 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.
Hand protection	: Protective gloves.
Eye protection	: Tightly fitting safety goggles. Wear face shield if splashing hazard exists.
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	: semi-sweet
Odor Threshold	: No data available
pH (5% solution)	: 5.0-7.0 @ 20°C (68°F)
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: Does not flash
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	: <0.1 mmHg @20°C (68°F) [excluding water]
Relative density	: 1.060-1.065
Relative vapor density at 20°C	: No data available
Solubility	: soluble in water
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 (LVP-VOC)	: 0.0%
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## 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

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

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No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Contact with incompatible materials.

### 10.5. Incompatible materials

Acids, alkalines, substances with a strong acid reaction.

### 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 :

#### Dimethyl adipate (627-93-0)

LD 50 oral rat	1920 mg/kg
ATE US (oral)	1920.000 mg/kg body weight

Skin corrosion/irritation	: May cause skin irritation.
Serious eye damage/irritation	: Causes serious eye damage with prolonged exposure.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: No evidence of mutagenicity effect.
Carcinogenicity	: No evidence of carcinogenicity effect.
Reproductive toxicity	: No evidence of reproductive effect.
Specific target organ toxicity (single)	: Not classified.
Specific target organ toxicity (repeated)	: Not classified.
Aspiration hazard	: Not classified.
Symptoms/injuries after eye contact	: Redness, blurred or double vision

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology-general : This material is not expected to be harmful to the environment.

### 12.2. Persistence and degradability

Biodegradation.

### 12.3. Bioaccumulative potential

No additional information available.

### 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.

## 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

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### Air transport

Class (IATA) : Not regulated for transport

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Dimethyl adipate (627-93-0)

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

EPA TSCA Regulatory Flag

T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.  
Y2 - Y2 - indicates an exempt polymer that is a polyester is made only from reactants included in a specified list of low concern reactants that comprises one of

### 15.2. International regulations

#### CANADA

#### Dimethyl adipate (627-93-0)

Listed on the Canadian DSL (Domestic Substances List)

### EU-Regulations

No additional information available.

### National Regulations

#### Dimethyl adipate (627-93-0)

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 Japanese ISHL (Industrial Safety and Health Law)

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 Turkish inventory of chemicals

### 15.3. US State regulations

No additional information available.

## SECTION 16: Other Information

Full text of H-phrases:

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H402	Harmful to aquatic life

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*