

## 1 Identification

### GHS Product Identifier

**Product Name** CropBooster® 2.0

**Product form** Liquid mixture

### Recommended use of the chemical and restriction on use

Liquid and foliar fertilizer

### Supplier's details

Axter Agrosience Inc.  
895 chemin Benoit  
Québec, Canada  
J3H 0N7

**Contact number:** 450-464-5755

**Opening Hours:** 7AM - 5PM Monday to Friday

**Emergency phone number**

**CANUTEC:** 1-888-226-8832

**Association Canadienne  
des Centres Antipoison :** [www.capcc.ca](http://www.capcc.ca)

## 2 Hazard(s) identification

### Classification of the substance or mixture

Classification (GHS-CA) Not classified

### GHS label elements

### Other hazards which do not result in classification

This mixture does not contain any substances to be mentioned according to the criteria of schedule 1, item 3 of the Hazardous Products Regulations.

## 3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Not applicable			0	

## 4 First-aid measures

### Description of necessary first-aid measures

Not expected to present a significant hazard under anticipated conditions of normal use.

<b>FOLLOWING INHALATION</b>	Move exposed person to fresh air and facilitate breathing and if required facilitate A. R. If you feel unwell, seek medical advice immediately
<b>FOLLOWING SKIN EXPOSURE</b>	Wash skin with plenty of water and soap. Rinse thoroughly. Get medical advice/attention immediately.
<b>FOLLOWING EYE EXPOSURE</b>	Rinse immediately with plenty of water for at least 15 minutes occasionally lifting eyelids. If victim wears contact lenses, try to remove them and continue rinsing. Seek immediate medical attention
<b>FOLLOWING INGESTION</b>	Rinse mouth. Do NOT induce vomiting. Seek immediate medical advice.

### Most important symptoms/effects, acute and delayed

<b>INHALATION</b>	Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
<b>SKIN</b>	Not expected to present a significant skin hazard under anticipated conditions of normal use.
<b>EYES</b>	Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
<b>INGESTION</b>	Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

### Indication of immediate medical attention and special treatment needed, if necessary

**NOTE TO PHYSICIAN:** Treat symptomatically

## 5 Fire-fighting measures

### Suitable extinguishing media

Use extinguishing agent suitable for the type of surrounding fire;

No known unsuitable extinguishing media

Avoid excessive water to minimize run off into the environment.  
Prevent and/or control firefighter water from entering the environment.

### Specific hazards arising from the chemical

Fire Hazard: Not flammable.  
On combustion, emissions may contain:  
Carbon oxides (CO and CO<sub>2</sub>), Sulphur oxides, Gaseous ammonia

Explosion Hazard: No direct explosion hazard

### Special protective actions for fire-fighters

Firefighting instructions: Exercise caution when fighting any chemical fire

Protective equipment for firefighters: Do not enter fire without proper protective equipment

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Personal Precautions & Protective Equipment: Wear personal protective equipment.  
For further information refer to section 8: "Exposure controls/personal protection".  
Ventilate spillage area.

Prevention Measures for Secondary Accidents: Prevent entry to sewers and public waters.

### Environmental precautions

Do not let product enter the environment.

As quickly as possible, keeping safety in mind, use absorbant material to contain and absorb

### Methods and materials for containment and cleaning up

Methods for cleaning up:

- Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.
- Collect all waste in suitable and labelled containers
- Dispose according to local legislation.
- Do not flush into surface water or sewer system.
- Store away from other materials.

## 7 Handling and storage

### Precautions for safe handling

Wear P.P.E. when conditions increase the risk of exposure  
Do not eat, drink or smoke in areas where this product is used or handled  
People working with this product should wash their hands and face before they eat, drink or smoke  
Avoid all contact with eyes, skin or clothing  
Do not inhale vapors of fog  
Do not enter in an enclosed area unless proper ventilation is in place  
Keep in original sealed container until product is used  
Empty container may contain residues and can represent a danger

### Conditions for safe storage, including any incompatibilities

Keep in original containers until product is used  
Store in a well-ventilated place.  
Product must be stored in a proper area and maintained at a temperature  $> 5\text{ }^{\circ}\text{C}$   
Skid must not be stacked more than two high

## 8 Exposure controls/personal protection

### Control parameters

No additional information available

### Appropriate engineering controls

No special ventilation required if product is used properly  
Mix and use outside or in well ventilated areas

People that work around or with the product should wear the proper P.P.E.

Eye wash stations or eye wash showers should be available

## Individual protection measures

- **EYE PROTECTION:** Employee should wear splash-proof or dust-resistant safety goggles to prevent eye contact with this substance.
- **EMERGENCY EYE WASH:** Where there is a possibility that eyes may be exposed to this substance; the employer should provide an eye wash fountain within the immediate work area for emergency use.
- **CLOTHING:** Employee should wear appropriate protective clothing and equipment to prevent repeated or prolonged skin contact with this substance.
- **GLOVES:** Employee should wear appropriate protective gloves to prevent contact with this substance.
- **VENTILATION:** Use only outside or in well ventilated areas
- **RESPIRATOR:** No special respiratory protection equipment is recommended under normal conditions of use. If circumstances warrant protection, an approved organic vapour respirator can be worn to reduce exposure to product vapours.

## 9 Physical and chemical properties

### Physical and chemical properties

<b>Physical state :</b>	Liquid
<b>Appearance :</b>	Clear.
<b>Colour :</b>	Blue-green
<b>Odour :</b>	Slight ammonia odour
<b>Odour threshold:</b>	No data available
<b>pH:</b>	6.2 - 6.7
<b>Relative evaporation rate</b>	No data available
<b>Relative evaporation rate (ether=1):</b>	No data available
<b>Melting point:</b>	No data available
<b>Freezing point:</b>	< 0 °C
<b>Boiling point:</b>	> 100 °C
<b>Flash point:</b>	Non flammable
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Flammability (solid, gas):</b>	Not applicable
<b>Vapour pressure:</b>	No data available
<b>Vapour pressure at 50 °C:</b>	No data available
<b>Relative density:</b>	No data available
<b>Density :</b>	1.20 kg/l
<b>Solubility:</b>	Water: Soluble
<b>Explosive properties:</b>	Product is not explosive.
<b>Oxidising properties:</b>	Non oxidizing.
<b>Explosive limits:</b>	Not applicable

## 10 Stability and reactivity

### Reactivity

As such, not reactive under normal storage and handling conditions.

### Chemical stability

Stable under normal storage, handling and mixing conditions

### Possibility of hazardous reactions

None known under normal conditions of use

### Conditions to avoid

Protect from freezing.

### Incompatible materials

None known

## Hazardous decomposition products

No hazardous decomposition products known.

On combustion, forms: carbon oxides (CO and CO<sub>2</sub>). Sulphur oxides. Gaseous ammonia.

## 11 Toxicological information

### Toxicological (health) effects

Acute toxicity (oral) :	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) :	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) :	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation :	Not classified. (Based on available data, the classification criteria are not met) pH: 6.2 - 6.7
Serious eye damage/irritation :	Not classified. (Based on available data, the classification criteria are not met) pH: 6.2 - 6.7
Respiratory or skin sensitization:	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity:	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity :	Not classified. (Based on available data, the classification criteria are not met)
STOT-single exposure :	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure :	Not classified (Based on available data, the classification criteria are not met)

### Information on the likely routes of exposure

Inhalation. Ingestion. Skin and eyes contact.

### Symptoms related to the physical, chemical and toxicological characteristics

Not expected to present a significant hazard under anticipated conditions of normal use.

Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Not expected to present a significant skin hazard under anticipated conditions of normal use.

Not expected to present a significant eye contact hazard under anticipated conditions of normal use.

Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

### Delayed and immediate effects and also chronic effects from short and long term exposure

No data available

### Numerical measures of toxicity (such as acute toxicity estimates)

No data available

### Interactive effects

No data available

### Other information

Not applicable

## 12 Ecological information

### Toxicity

Ecology - general :	This material has not been tested for environmental effects.
Acute aquatic toxicity :	Not classified
Chronic aquatic toxicity:	Not classified

This mixture and its product of decomposition are not known to be environmentally dangerous in normal conditions of use.

### Persistence and degradability

In agriculture, the use of this mixture in normal conditions is non persistent.

No additional information available

## Bioaccumulative potential

In agriculture, the use of this mixture in normal conditions is non cumulative.

No additional information available

## Mobility in soil

No specific data available for this mixture but agronomic knowledge confirms that:  
the nitrogen (expressed as N) component of this mixture can be mobile in the soil;  
the phosphorous (expressed as P<sub>2</sub>O<sub>5</sub>) component of this mixture is not mobile in the soil;  
the potassium (expressed as K<sub>2</sub>O) component of this mixture can be moderately mobile in the soil.

## 13 Disposal considerations

### Disposal methods

The generation of waste should be avoided or minimized wherever possible.  
Triple rinse all containers and dispose in accordance with all regional / provincial / federal regulatory requirements or through the Clean Farms Empty Container Recycling Program

## 14 Transport information

### UN Number

Not regulated

### UN Proper Shipping Name

Not applicable

### Transport hazard class(es)

Not applicable

## 15 Regulatory information

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

#### Carcinogen (ACGIH, IARC, OSHA or NTP):

Most of the ingredients used to manufacture this mixture are not classed as carcinogenic by ACGIH, IARC, OSHA or NTP.

#### Inventories (U.S. Toxic Substances Control Act):

No data available

#### Air (U.S. Clean Air Act):

This product does not contain any hazardous air pollutants (HAP) as defined by the U.S. Clean Air Act Section 12 (40 CFR 61)

## 16 Other information

### Other information

As per Workplace Health & Safety regulations in place, this SDS should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. The user must determine the appropriate measures that need to be implemented for the safe use and handling of this product in the context of the user's operations.

This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.