



# Safety Data Sheet

## Corn Trypsin Inhibitor

### Hazardous components

Component	Concentration
<b>Tris (CAS no.: 77-86-1; EC no.: 201-064-4)</b> CLASSIFICATIONS: Eye damage/irritation (chapter 3.3), Cat. 2A; Skin corrosion/irritation (chapter 3.2), Cat. 2; Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3. HAZARDS: No data available.	<b>0.3 % (Weight)</b>
<b>SODIUM CHLORIDE (CAS no.: 7647-14-5)</b> CLASSIFICATIONS: Eye damage/irritation (chapter 3.3), Cat. 2A. HAZARDS: No data available.	<b>0.9 % (Weight)</b>
<b>WATER (CAS no.: 7732-18-5)</b> <b>Corn Trypsin Inhibitor (CAS no.: 91755-87-2)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<b>98.8 % (Volume)</b> <b>&gt; 0.1 - &lt; 1 % (Weight)</b>

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
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.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## 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 data available.

### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

No data available.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Chemical safety goggles, protective clothing and shoes, protective rubber gloves

### 6.2 Environmental precautions

No data available.

### 6.3 Methods and materials for containment and cleaning up

Blot-up liquid spills with absorbant paper.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Chemical safety goggles, protective clothing and shoes, protective rubber gloves

#### 7.2 Conditions for safe storage, including any incompatibilities

Store this material in a container that will contain any accidental leaks or spills. Store at the temperature indicated on the product data sheet.

#### Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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### 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)

##### Pictograms



##### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

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

Impervious clothing, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Thermal hazards

No data available.

##### Environmental exposure controls

No data available.

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### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance/form  
Odor  
Odor threshold

Clear liquid.  
none  
No data available.

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pH	7.4
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No data available.

#### 10.2 Chemical stability

No data available.

#### 10.3 Possibility of hazardous reactions

No data available.

#### 10.4 Conditions to avoid

No data available.

#### 10.5 Incompatible materials

No data available.

#### 10.6 Hazardous decomposition products

No data available.

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### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Tris:

LD50 Oral - Rat - 5,900 mg/kg

Sodium Chloride:

LD50 Oral - Rat - 4,000 mg/kg

LD50 Skin - Rabbit - 10,000 mg/kg

LC50 Inhalation - Rat - 42 mg/l - 1 hour

##### Skin corrosion/irritation

No data available.

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### Serious eye damage/irritation

No data available.

### Respiratory or skin sensitization

No data available.

### Germ cell mutagenicity

No data available.

### Carcinogenicity

No data available.

### Reproductive toxicity

No data available.

### Summary of evaluation of the CMR properties

No data available.

### STOT-single exposure

No data available.

### STOT-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.

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## SECTION 12: Ecological information

### Toxicity

Sodium Chloride

EC50 - Daphnia magna (water flea) - 340.7 mg/l - 48 hours

### Persistence and degradability

No data available.

### Bioaccumulative potential

No data available.

### Mobility in soil

No data available.

### Results of PBT and vPvB assessment

No data available.

### Other adverse effects

No data available.

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## SECTION 13: Disposal considerations

### Disposal of the product

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Offer surplus and non-recyclable solutions to a licensed disposal company.

### Disposal of contaminated packaging

Dispose of as unused product.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

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

#### SARA 302 Components

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

#### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### SARA 311/312 Hazards

No SARA hazards.

#### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

#### Pennsylvania Right To Know Components

Tris (hydroxymethyl) aminomethane; CAS 77-86-1

Sodium Chloride; CAS 7647-14-15

#### New Jersey Right To Know Components

Tris (hydroxymethyl) aminomethane; CAS 77-86-1

Sodium Chloride; CAS 7647-14-15

#### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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## SECTION 16: Other information

### 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 Haematologic Technologies, Inc. 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 Haematologic Technologies, Inc. has been advised of the possibility of such damages.