



# SAFETY DATA SHEET

SDS NUMBER: 1000692665-15-LPI

SDS REVISIONS: NEW

DATE OF ISSUE: 11/12/15

**CONSENSUS™ L**

SUPERSEDES: NEW

**FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL DAY OR NIGHT 1-800-561-8273 or  
CHEMTREC – DAY OR NIGHT 1 800-424-9300**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### 1.1 PRODUCT IDENTIFIER:

**TRADE NAME:** CONSENSUS™ L SEED TREATMENT

**1.2 RECOMMENDED USE:** FOR USE ONLY BY COMMERCIAL SEED TREATMENT FACILITIES

### 1.3 SUPPLIER DETAILS:

LOVELAND PRODUCTS CANADA, INC.

789 Donnybrook Drive • Dorchester, Ontario N0L 1G5

**1.4 24 Hour Emergency Phone:** 1-800-561-8273 - **Additional Emergency Phone (Canutec):** 1-613-996-6666 (Collect)

**Product Inquiries:** 1-800-328-4678

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Eye Damage/Irritation

Category 2B

H320

### 2.2 Label elements

None

Signal word:

WARNING

Hazard Statement:

H320 – Causes eye irritation.

Precautionary Statement:

P264 – Wash thoroughly after handling.

(Prevention):

Precautionary Statement:

P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

(Response):

Precautionary Statement:

(Storage):

P402+P234 – Store in a dry place. Keep only in original container.

P410 – Protect from sunlight.

P411 – Store at temperatures not exceeding 110°F (43.3°C) for more than seven days.

### 2.3 Other hazards

None known



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## 3. COMPOSITION, INFORMATION ON INGREDIENTS

### 3.1 Substances

### 3.2 Mixtures

Chemical Name:	CAS No.	Classification	Concentration [%]
Indole-3-butyric acid	133-32-4	Eye Dam/Irrit. 2B; H320	0.02
Salicylic Acid	69-72-7		0.04
Chitosan	9012-76-4		1.00
*Other ingredients (including Citric Acid)	Trade Secret 77-92-9		98.94

\*Ingredients not specifically listed are non-hazardous or are to be considered proprietary or confidential business information

## 4. FIRST AID MEASURES

### 4.1 Description of First Aid Measures

General Advice: Get medical attention if symptoms occur.

- If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.
- If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
- If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
- If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control centre or doctor for further treatment advice.

### 4.2 Most Important Symptoms and Effects, Acute and Delayed

Symptoms: Eyes: Causes eye irritation.

### 4.3 Immediate Medical Attention and Special Treatment

Treatment: Treat symptomatically. Symptoms may be delayed.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-561-8273**

Take container, label or product name with you when seeking medical attention.

NOTES TO PHYSICIAN: There is no specific antidote.

## 5. FIRE FIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA:

Suitable Extinguishing Media: Use medium appropriate to surrounding fire. Dry chemical, carbon dioxide (CO<sub>2</sub>), alcohol foam, foam, water spray or fog.

### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Specific Hazards During Firefighting: None known.

### 5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Special Protective Equipment for Firefighters: Self-contained breathing apparatus and full protective gear should be worn in fighting large fires involving chemicals. Use water spray to keep fire exposed containers cool. Keep people away. Isolate fire and deny unnecessary entry.

**6. ACCIDENTAL RELEASE MEASURES**

**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Personal Precautions: Avoid inhalation of vapours and spray mist and contact with skin and eyes. Ensure adequate ventilation. Wear suitable protective clothing.

**6.2 ENVIRONMENTAL PRECAUTIONS**

Environmental Precautions: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters.

**6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP**

Methods for Clean-Up: Avoid breathing mists. Contain spill and sweep up material and transfer to containers for possible land application according to label use or for proper disposal. Wash spill area with water containing strong detergent, absorb and sweep up as above. Check local, state and federal regulations for proper disposal. Never return spills to original containers for re-use.

**7. HANDLING AND STORAGE**

**7.1 PRECAUTIONS FOR SAFE HANDLING:**

Advice on Safe Handling: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**7.2 CONDITIONS FOR SAFE STORAGE:**

Requirements for Storage Areas and Containers: Store in a cool, dry location, out of direct sunlight, and away from exposure to air and moisture. Do not store in temperatures over 110°F (43.3°C) for more than seven days. Do not contaminate water, food or feed by storage or disposal.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 CONTROL PARAMETERS:**

**OCCUPATIONAL EXPOSURE LIMITS**

**U.S. Workplace Exposure Level (ACGIH) TLVs**

Components	Type	Value
No listings	TWA	

**U.S. Workplace Exposure Level (OSHA) PELs**

Components	Type	Value
No listings	TWA	

**Biological limit values**

**ACGIH Biological Exposure Indices**

Components	Value	Specimen
No listings		

**8.2 EXPOSURE CONTROLS:**

**Engineering Measures**

Provide adequate general and local exhaust ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors and spray mists. Provide eyewash station and safety shower.

**Individual Protection Measures:**

Eye / Face Protection: Goggles or shielded safety glasses are recommended.

Skin Protection: Long-sleeved shirt and long pants. Chemical-resistant gloves, such as polyethylene or polyvinylchloride. Shoes plus socks.

Respiratory Protection: In case of inadequate ventilation or risk of inhalation of mists or vapors, use suitable respiratory equipment such as MSHA/NIOSH TC-84A with NIOSH equipped N, R, or P class filter media. Wear respiratory protection during operations where spraying or misting occurs. In the U.S. if respirators are used, a program should be in place to assure compliance with 29 CFR 1910.134, the OSHA Respiratory Protection standard. Wear air supplied respiratory protection if exposure concentrations are unknown.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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9.1 APPEARANCE :	Liquid
ODOR:	Odourless.
ODOR THRESHOLD:	No data available.
COLOR:	Amber.
pH:	3.09 (1% solution)
MELTING POINT / FREEZING POINT:	Not applicable
BOILING POINT:	> 212°F (>100°C)
FLASH POINT:	Does not flash.
FLAMMABILITY (solid, gas):	No data available.
UPPER / LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	No data available.
VAPOR PRESSURE:	No data available.
SOLUBILITY:	Emulsifies.
PARTITION CO-EFFICIENT, n-OCTANOL / WATER:	No data available.
AUTO-IGNITION TEMPERATURE:	No data available.
DECOMPOSITION TEMPERATURE:	No data available.
VISCOSITY (KINEMATIC):	1.767 cSt @ 20°C   1.124 cSt @ 40°C.
SPECIFIC GRAVITY (Water = 1):	1.015 g/ml
DENSITY:	8.47 lbs./gal.   1.01 kg/L

Note: These physical data are typical values based on material tested but may vary from sample to sample.  
Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

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**10. STABILITY AND REACTIVITY**

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**10.1 REACTIVITY**

Stable

**10.2 CHEMICAL STABILITY**

Stable under normal temperature conditions

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

No data available. Will not polymerize.

**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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**11 TOXICOLOGICAL INFORMATION**

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**11.3 LIKELY ROUTES OF EXPOSURE**

Eye contact. Ingestion. Inhalation. Dermal.

**LC<sub>50</sub> (rat):** > 2.11 mg/L (4 HR)**LD<sub>50</sub> Oral (rat):** > 5,000 mg/kg**LD<sub>50</sub> Dermal (rat):** > 5,000 mg/kg**Acute Toxicity Estimates:** No data available**Skin Corrosion/ Irritation (rabbit):** Moderate irritant.**Serious Eye Damage/ Irritation (rabbit):** Irritant.**Specific Target Organ Toxicity:****Single Exposure:** Eyes.**Aspiration:** No data available**Specific Target Organ Toxicity:****Repeated Exposure:** No data available.**Skin Sensitization (guinea pig):** Not a sensitizer**Carcinogenicity:** No data available.**Reproductive Toxicity:** No data available.**Germ Cell Mutagenicity:** No data available**Interactive Effects:** None known**Other Information:** None available.

**12 ECOLOGICAL INFORMATION**

**12.3 ECOTOXICITY**

The product may be toxic to fish and aquatic invertebrates. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Ecotoxicological Data**

Species	Test Results
No data available.	

Drift or runoff may adversely affect non-target plants.  
Do not apply directly to water.  
Do not contaminate water when disposing of equipment wash water.  
Do not apply when weather conditions favor drift from target area.

**12.2 PERSISTENCE AND DEGRADABILITY**

Biodegradability: No data available.

**12.3 BIOACCUMULATIVE POTENTIAL**

Bioaccumulation: No data available.

**12.4 MOBILITY IN SOIL**

No data available.

**12.5 OTHER ADVERSE EFFECTS**

Assessment: No data available.

**13 DISPOSAL CONSIDERATIONS**

**13.1 WASTE TREATMENT METHODS**

Do not reuse containers for any purpose. Container is recyclable, and is to be disposed of at a container collection site. Contact your local dealer/distributor for the location of the nearest collection site. Before taking container to the collection site: Triple or pressure-rinse the empty container, adding the rinsate to the spray tank. Make the empty container unsuitable for further use. If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Do not contaminate water, food or feed by storage or disposal.

**14 TRANSPORT INFORMATION**

**14.3 LAND TRANSPORT**

**DOT/TDG Shipping Description:** NOT REGULATED

**U.S. Surface Freight Classification:** BACTERIA, SEED OR SOIL INOCULATING (NMFC 20380, CLASS: 60)

**15 REGULATORY INFORMATION**

**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS**

**NFPA & HMIS Hazard Ratings:**

NFPA		HMIS	
1	Health	0	Least
0	Flammability	1	Slight
0	Instability	2	Moderate
		3	High
		4	Severe
		1	Health
		0	Flammability
		0	Reactivity
		B	PPE

**CEPA – Domestic Substances List (DSL):** All substances in this product are listed on the DSL or not required to be listed

**Hazardous Products Act Information: CPR Compliance:** This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**WHMIS Classification:** This product is exempt under WHMIS

**National Fire Code of Canada:** Not applicable.



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## 16 OTHER INFORMATION

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**SDS STATUS:** New.

**PREPARED BY:** Registrations and Regulatory Affairs

**REVIEWED BY:** Environmental Health and Safety

**REG. NO.:** 2015144A Fertilizers Act

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