

SECTION 1: IDENTIFICATION

1.1 Product identifier: **DERIVE™**

Other means of identification: Not applicable.

1.2 Recommended use of the chemical and restrictions on use:

Relevant identified uses: Utility Modifier.

Uses advised against: None known.

1.3 Initial supplier identifier:

Manufacturer:

Oro Agri, Inc.
2788 S. Maple Ave.
Fresno, CA 93725
Telephone Number: +1(559) 442-4996
Email: global.product.safety@rovensa.com

Distributor:

1.4 Emergency phone number:

Incident, Spill, Leak, Fire, Exposure or Accident
Call CHEMTREC Day or Night
Within USA and Canada: +1(800) 424-9300
Outside USA: +1(703) 741-5970.

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture:

WHMIS 2015:

Classification of this product has been carried out in accordance with Part 2 of Hazardous Products Regulations (SOR/2015-17 amended by SOR/2022-272).

Serious eye damage, category 1
Skin irritation, category 2
Skin sensitivity, category 1

2.2 Label elements:

WHMIS 2015:

Signal word: Danger



Hazard statements:

Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction.

Precautionary statements - Prevention:

Avoid breathing mist/vapours/spray. Wear eye protection or face protection. Wear protective gloves. Contaminated work clothing must not be allowed out of the workplace. Wash thoroughly after handling.

Precautionary statements - Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre/doctor. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Precautionary statements - Storage:

Store in a well-ventilated place.

Precautionary statements - Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Health and physical hazards not otherwise classified (HHNOC - PHNOC):

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:
Non-applicable.

3.2 Mixtures:

In accordance with Schedule I of the Hazardous Products Regulations (SOR/2015-17):

Identification	Chemical name	% (w/w)
CAS: 68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	5 - <10%
CAS: 2634-33-5	1,2-benzisothiazol-3(2H)-one	<1%

Composition comments:

*Components, CAS numbers and/or concentrations not listed are either non-hazardous, below reporting limits or have been withheld as trade secrets.

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation; however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases, see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms/effects, acute and delayed:

Symptoms and effects are not known to date.

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

Provide general supportive measures and treat symptomatically. Keep affected person under observation. Symptoms may be delayed.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable.

5.2 Specific hazards arising from the chemical:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Special protective equipment and precautions for fire-fighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Firefighting equipment/instructions:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self-Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...).

Specific methods:

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures:****For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

6.3 Methods and materials for containment and cleaning up:

Large Spills: Stop the flow of material if this is without risk. Isolate or create barrier around the spilled material, where this is possible. Use non-combustible material like vermiculite, sand, or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

6.4 Reference to other sections:

See section 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling:**

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6). Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided. Do not eat or drink during the process, wash hands afterwards with suitable cleaning products. It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3).

7.2 Conditions for safe storage, including any incompatibilities:

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters:**

Substances whose occupational exposure limits have to be assessed in the workplace:

Occupational Exposure Limit (OEL) values:

Country	Identifier	Permissible concentration
Canada	Proprietary component 1	Alberta OELs - TWA: 10 mg/m ³ as a mist
	Proprietary component 1	British Columbia OELs - TWA: 10 mg/m ³
	Proprietary component 1	Manitoba - STEL: 0.5 ppm (skin notation) and 2.5 ppm
	Proprietary component 1	Ontario - TWA: 10 mg/m ³
	Proprietary component 1	Quebec - TWA: 10 mg/m ³

Notation:

1. TWA (Time Weighted Average): The average exposure to a hazardous substance over a standard 8-hour workday or 40-hour workweek.
2. STEL (Short-Term Exposure Limit): The allowable average exposure over a short period, typically 15 minutes.
3. Ceiling: The maximum airborne concentration of a substance that must not be exceeded at any time during occupational exposure.

8.2 Biological limit values:

No biological exposure limits noted for the ingredient(s).

8.3 Appropriate engineering controls:

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide easy access to water supply and eye wash facilities.

8.4 Individual protection measures, such as personal protective equipment:

Eye/face protection:

Wear safety glasses with side shields (or goggles) or wear a face shield if there is a risk of splashing.

Skin protection:

Hand protection:

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other:

Wear suitable protective clothing.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Selection and use of respiratory protective equipment should be in accordance with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

Thermal hazards:

Wear appropriate thermal protective clothing when necessary.

Environmental exposure controls:

Use appropriate container to avoid environmental contamination. Keep away from drains, surface, and ground water.

General hygiene considerations:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:

Physical state:	Liquid
Colour:	Blue
Odour:	Data not available
Odour threshold:	Data not available

Volatility:

Boiling point at atmospheric pressure:	Data not available
Vapour pressure:	Data not available
Evaporation rate:	Data not available

Product description:

Density:	1.1 – 1.2 g/mL
Relative density:	Data not available
Dynamic viscosity:	<150 cP
Kinematic viscosity:	Data not available
pH:	6.8 – 7.8
Vapour density:	Data not available
Partition coefficient n-octanol/water:	Data not available
Solubility in water:	Complete
Solubility properties:	Data not available
Decomposition temperature:	Data not available
Melting point/freezing point:	Data not available

Flammability:

Flash Point:	Data not available
Flammability (solid, gas):	Data not available
Autoignition temperature:	Data not available

Lower flammability limit:	Data not available
Upper flammability limit:	Data not available
Particle characteristics:	
Median equivalent diameter:	Data not available

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Data not available
Oxidizing properties:	Data not available
Corrosive to metals:	Data not available
Heat of combustion:	Data not available
Aerosols-total percentage (by mass) of flammable components:	Data not available

Other safety characteristics:

Surface tension:	Data not available
Refraction index:	Data not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

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

10.2 Chemical stability:

Material is stable under normal conditions.

10.3 Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid:

Avoid heat, sparks, open flames, and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5 Incompatible materials:

Strong oxidizing agents.

10.6 Hazardous decomposition products:

Thermal decomposition of this product can generate carbon monoxide, carbon dioxide, sulfur oxides, and sodium oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Information on likely routes of exposure:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

Ingestion (acute effect):

Data not available.

Inhalation (acute effect):

Data not available.

Contact with the skin (acute effect):

Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

Contact with the eyes (acute effect):

Causes serious eye irritation.

11.2 Symptoms related to physical, chemical, and toxicological characteristics:

Symptoms and effects are not known to date.

Information on toxicological effects:

Acute toxicity:

Not expected to be acutely toxic.

Product-specific toxicological information:

Skin corrosion/irritation:

Causes skin irritation.

Eye damage/irritation:

Causes serious eye irritation.

Skin sensitization:

May cause an allergic skin reaction.

Respiratory sensitization:

Data not available.

Carcinogenicity:

This product is not considered to be a carcinogen by IARC, NTP, or OSHA.

- **International Agency for Research on Cancer (IARC) Monographs on the Evaluation of Carcinogenic Risks to Humans**
Not listed.
- **National Toxicology Program (NTP) Report on Carcinogens**
Not listed.
- **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**
Not listed.

Mutagenicity:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect.

Reproductive toxicity:

Data not available.

Specific target organ toxicity (STOT):

- **Specific target organ toxicity - single exposure:**
Not classified.
- **Specific target organ toxicity - repeated exposure:**
Not classified.

Aspiration hazard:

Not classified.

Chronic effects:

Prolonged inhalation may be harmful.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

This product is not classified as environmentally hazardous under Hazardous Product Act (SOR/2022-272). However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2 Persistence and degradability:

No data is available on the degradability of this product.

12.3 Bioaccumulative potential:

Data not available.

12.4 Mobility in soil:

Data not available.

12.5 Results of PBT and vPvB assessment:

Data not available.

12.6 Endocrine disrupting properties:

Data not available.

12.7 Other adverse effects:

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways, or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations:

Dispose in accordance with all applicable regulations.

Hazardous waste code:

The waste code should be assigned in discussion between the user, the producer, and the waste disposal company.

Waste from residues/unused products:

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal methods).

Contaminated packaging:

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 Canada Transportation of Dangerous Goods Regulations (SOR/2001-286) including Amendments:	Not regulated as dangerous goods.
14.2 U.S. Transport of dangerous goods by road (DOT):	Not regulated as dangerous goods.
14.3 Transport of dangerous goods by sea (IMDG):	Not regulated as dangerous goods.
14.4 Transport of dangerous goods by air (IATA/ICAO):	Not regulated as dangerous goods.
14.5 Transport in bulk (according to IMO instruments):	Non-applicable.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations specific for the product in question:**

- Domestic Substances List (DSL): D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1); 1,2-benzisothiazol-3(2H)-one (2634-33-5).
- Non-Domestic Substances List (NDSL): Not relevant.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

Other legislation:

Canadian Environmental Protection Act, 1999.

California Proposition 65:

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

SECTION 16: OTHER INFORMATION

Revision Date: 2025-12-12

Version Number: 1

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Part 4 and Schedule I of the Hazardous Products Regulations (SOR/2015-17), amended by SOR/2020-38 and SOR/2022-272.

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation.

H318: Causes serious eye damage.

H317: May cause an allergic skin reaction.

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://whmis.org/>

Abbreviations and acronyms:

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor LD50: Lethal Dose 50 CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

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End of SDS

