SAFETY DATA SHEET

Emission date: 2026-06-30

Section 1. Identification

Product name : **PROPEL 110 SD**

Recommended use : **Iodine Teat Dip Solution**

Restrictions on use : For professional use only.

Supplier/Manufacturer : **Producers Agri-Supply LTD**
1884 Fairmeadow Crescent,
Ottawa, ON K1H 7B9
Canada
(519)-644-2697

Emergency phone (24 hour service) : **Carechem 24 :** 1-215-207-0061
toll free : 1-800-579-7421

Section 2. Hazard identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Product classification : SERIOUS EYE DAMAGE - Category 1

Hazard pictograms :

Signal word : Danger

Hazard statements : Causes serious eye damage.

Precautionary statements

Prevention : Wear eye or face protection.

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 CENTER or doctor.

Storage : Not applicable.

Disposal : Not applicable.

Other hazards : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Hazardous ingredients	CAS number	Concentration* %
- Polyethoxy polypropoxy polyethoxy ethanol - iodine complex (10% Iodine)	26617-87-8	5 - 10

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

* Any concentration shown as a range is to protect confidentiality.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Get medical attention immediately. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

Skin contact : Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if symptoms occur.

Inhalation : Remove person to fresh air and keep comfortable for breathing. Maintain an open airway. Get medical attention if symptoms occur.

Ingestion : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

Notes to medical doctor : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in section 2 and/or in section 11 of this safety data sheet.

Section 5. Fire-fighting measures

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical

In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : Decomposition products may include the following materials: carbon dioxide carbon monoxide

Advice for firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or spray. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Methods and materials for containment and cleaning up

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

Put on appropriate personal protective equipment. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or spray. Wash hands thoroughly after handling. Manipulate with care, avoid splashes.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Hazardous ingredients	CAS number	Exposure limit values
- Polyethoxy polypropoxy polyethoxy ethanol - iodine complex (10% Iodine)	26617-87-8	None.

Appropriate engineering controls

Ensure ventilation is adequate if there is a risk of aerosol formation or vapor build-up.

Personal protective equipment

Eye/face : Wear eye protection against chemical splashes.

Hands : No protective gloves required under normal handling conditions.

Respiratory : No respiratory protection required under normal handling conditions.

Other : Not applicable.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Section 9. Physical and chemical properties

pH : 4,5 to 5

Relative density : 1,03 to 1,04

Odor threshold : Not available.

Boiling point : >212°F (>100°C)

Melting/freezing point : Not available.

Vapor pressure : Not available.

Relative vapor density : Not available.

Solubility : Yes. [Miscible in water.]

Evaporation rate : Not available.

Physical state : Liquid. [Transparent liquid.]

Color : Brownish-red.

Odor : Iodine

Viscosity : Dynamic: <10 mPa·s (<10 cP)
Kinematic: Not available.

Flash point : Closed cup: >199,9°F (>93,3°C) [Product does not sustain combustion.]

Flammability : Not available.

Flammable limits : Not available.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Particle characteristics : Not applicable.

Partition coefficient n-octanol/water (log Pow) : Not applicable.

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials : No specific data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Likely routes of exposure : Dermal contact. Eye contact. Ingestion.

Potential acute health effects

Eye contact : Causes serious eye damage.

Skin contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Potentials symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Pain,watering,redness

Skin contact : Pain or irritation,redness,blistering may occur

Inhalation : No specific data.

Ingestion : No specific data.

Potential chronic health effects

Carcinogenic Effects : No known significant effects or critical hazards.

Mutagenic Effects : No known significant effects or critical hazards.

Reproductive effects : No known significant effects or critical hazards.

Gen. chronic effects : No known significant effects or critical hazards.

Numerical measures of acute toxicity

Hazardous ingredients	Species	Result
Not available.		

Section 12. Ecological information

Ecotoxicity : No known significant effects or critical hazards.

Persistence and degradability

Not available.

Section 13. Disposal considerations

Waste handling and disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

Reg. info.	UN #	Proper shipping name	Class	Packing group	Label
DOT Classification	Not regulated.	-	-	-	
IMO/IMDG Classification	Not regulated.	-	-	-	

Marine pollutant : No.

Additional information : -

Reportable quantity (DOT) : Not applicable.

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

Classification of this product and the SDS have been made in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200) in force in the United States of America. This product is a mixture for which no specific health effects data exist. The risks have therefore been evaluated based on the physicochemical properties of the product and its composition and may be overestimated.

Food contact : Not available.

US inventory (TSCA 8b) : All components are listed, exempted or notified.

SARA 302/304 Components

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

SARA 313 Components

No listed substance

State regulations

Massachusetts : The following components are listed: - Glycerol

New York : None of the components are listed.

New Jersey : The following components are listed: - Glycerol

Pennsylvania : The following components are listed: - Glycerol

California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	2
Flammability	0
Physical hazards	0
Personal protection	¥

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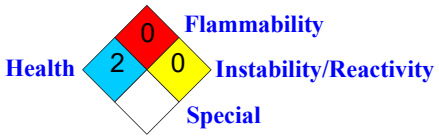
¥ Recommended PPE is identified in Section 8 of this SDS.

National Fire Protection Association (U.S.A.)



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Notice to reader

The information provided in this Safety Data Sheet has been compiled from our experience and data presented in various technical publications. The information contained herein is based on the state of our current knowledge of the product concerned. It is the user's responsibility to verify the value of this information for the adoption of required safety measures. We reserve the right to revise Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the company to make sure that the Safety Data Sheet he owns is the last published.

Prepared by : Department of Regulatory Affairs of Kersia North America.

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