MITCHELL
PRODUCTS

SECTION 1: Product Identification

Product Identifier:	**Triactiv**
Synonyms:	A blend of nonionic soil surfactants, ammonium lignosulfonate, lignosulfonic acid, and amino acids
CAS number:	Mixture no single CAS number available
Manufacturer:	Mitchell Products
Address:	1205 West Main Street, Millville, NJ 08332
Phone:	856-327-2005
Emergency Phone:	866-436-0500
Date Prepared:	10-23-2025
Recommended Use:	Surfactant used to reduce and prevent hydrophobicity soils with nutritional components to strengthen plants against environmental stressors

SECTION 2: Hazard(s) Identification

Hazard Classification:
Skin Irritant, Category 2
Eye Irritant, Category 2A
Acute toxicity, oral Category 5

Signal Word:
"WARNING"

Hazard Statement:
H303 – May be harmful if swallowed
H315 – Causes skin irritation
H319 – Causes serious eye irritation

Precautionary Statement:

(PREVENTION)
P264 – Wash thoroughly after handling.
P270 – Do not eat, drink or smoke when using this product.
P280 – Wear protective gloves.

(RESPONSE)
P301 + P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 – Rinse mouth.
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 – If eye irritation persists: Get medical advice/attention.
P362 + P364 – Take off contaminated clothing.

(Storage)
P402 – Store in a dry place.

(Disposal)
P501 – Dispose of content/container in accordance with local registration.

GHS Hazard Pictograms:

SECTION 3: Composition/Information on Ingredients

Chemical Name:	Oxirane 2-methyl polymer with oxirane
Common Name:	Ethylene oxide-propylene oxide copolymer
CAS #:	9003-11-6
Percentage:	64.9%
Chemical Name:	Lignosulfonate
Common Name:	Lignosulfonic acid
CAS #:	8062-15-5
Percentage:	7.8%
Chemical Name:	Amino acid blend
Common Name:	Amino acids
CAS #:	65072-01-7
Percentage:	2.9%
Chemical Name:	Water
Common Name:	Water
CAS #:	7732-18-5
Percentage:	24.4%

Contents of chemical name and hazardous compounds are a trade secret as allowed by 29 CFR 1910.1200 (i) 1.

SECTION 4: First Aid Measures

Routes of Exposure & Symptoms:

Ingestion:	Overexposure may cause gastrointestinal irritation, diarrhea, nausea, and vomiting.
Eyes:	Overexposure causes excessive watering, redness and stinging.
Skin:	Overexposure may cause itching and redness similar to a rash.

First Aid Response:

Ingestion:	Contact physician or poison control center. If victim is conscious and able to swallow, quickly give water or milk to dilute. Do not give sodium bicarbonate, vinegar, or fruit juices. Never give anything by mouth if victim is unconscious or having convulsions. Induce vomiting only upon advice of a physician. Seek medical attention if necessary.
Eye Contact:	Flush immediately with copious amounts of water. Continue flushing for at least 15 minutes and seek medical attention. Seek medical attention!
Skin Contact:	Wash exposed areas with soap and water. Remove contaminated clothing. If itching and redness persist, seek medical attention.

SECTION 5: Fire-Fighting Measures

Flash Point, F:	> 200 F
Auto Ignition Temperature:	N/A
Extinguishing Media:	Water spray, Foam, Dry Chemical, Carbon Dioxide (CO_2)
Special Procedures:	Wear self-contained breathing apparatus when fighting a fire and use water to cool drums exposed to fire.
Unusual Fire & Explosive Hazards:	May react with metals (iron, zinc or aluminum) to form highly flammable hydrogen gas which can form explosive mixture with air.

NFPA Labeling:

SECTION 6: Accidental Release Measures

Personal Precautions: Ensure cap is sealed tightly. Do not puncture container. Keep away from sharp objects and use caution around forklifts.

Spill & Cleanup Procedures: Eliminate all sources of ignition. Cover drains. Immediately contain material by diking the area around the spill with absorbent material like clay or Speedy Dry, then shovel into recovery drums. Wash area with water. Continue applying absorbent material and washing until spill has been absorbed and no odor remains. Block off area to avoid slipping. Consult local, state and federal regulations before disposing this material/recovery drums.

Neutralizing Chemicals: Can be neutralized with sodium carbonate or bicarbonate.

SECTION 7: Handling & Storage

Min/Max Storage Temperatures: No special requirements.

Precautions for Safe Handling: No special requirements.

Storage Recommendations: Ensure cap is re-applied. Keeep containers closed when not in use. Keep from sources of ignition Do not contaminate water, food, feed by storage or disposal. Follow good industrial hygiene practices, store between 40.5° F and 120.5° F.

Incompatible or Segregation: If this chemical is being stored around hazardous material ensure that each chemical is compatible with each other by following the segregation practices that are set in place by the local, state, & federal regulating offices.

SECTION 8: Exposure Controls / Personal Protection

Occupational Exposure Limit: None known.

Respiratory Protection: Respirator approved by NIOSH/MSHA should be worn where vapor inhalation could occur.

Ventilation: Ensure adequate, local or general exhaust ventilation, especially in confined areas.

Protective Gloves: This chemical requires the use of chemical resistant gloves that meet ANSI/ISEA Standard when handling this chemical.

Eye Protection: This chemical requires the use of chemical protective goggles that meet ANSI/ISEA Standard when handling this chemical.

Work/Hygienic Practices: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Avoid eating, drinking, smoking/vaping, and cosmetic application to prevent exposure.

Other Equipment: Eye wash and safety shower in the work area.

SECTION 9: Physical & Chemical Properties

Physical State:	Liquid	**Specific Gravity:**	1.10
Appearance/Color:	Brown liquid	**Evaporation Rate:**	N/A
Odor:	Moderate odor	**Vapor Pressure:**	N/A
Odor Threshold:	N/A	**Vapor Density:**	N/A
pH:	4.0-5.0	**Relative Density:**	N/A
Melting Point:	N/A	**Solubility in Water:**	Soluble
Boiling Point:	N/A	**% Activity:**	81.1% Max
Flash Point:	>200° F	**Auto-ignition Temperature:**	N/A
Flammability:	N/A	**Decomposition Temperature:**	N/A
Explosive Limits:	N/A	**Viscosity:**	N/A
Partition coefficient:	N/A		

SECTION 10: Stability & Reactivity

Reactivity: Avoid contact with strong oxidizing agents
Chemical Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to be Avoided: Contact with strong oxidizing/caustic agents or extreme heat/cold
Materials to avoid: Metals
Classes of Incompatible Materials: Strong bases or oxidizing agents
Hazardous Decomposition Products: Sulfur dioxide, carbon dioxide, carbon monoxide

SECTION 11: Toxicological Information

Routes of Exposure: Ingestion, eyes and skin contact
Delayed/Immediate/Chronic effects from short- and long-term exposure: N/A
Numerical Measures of Toxicity: This product has not been tested. Information provided here has been derived from substances/products of similar structure or composition.
Oral LD50 (mg/kg body weight): > 15 g/kg
Dermal LD50 (mg/kg body weight): No applicable information is available
Skin: Category 2 (Skin Irritant)
Eye: Category 2A (Eye Irritant)
Vapors (mg/L): No applicable information is available
Gases (ppmV): No applicable information is available
Dusts & Mists (mg/l): No applicable information is available
Carcinogenicity: No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
Description of Symptoms: See Section 4. First Aid Measures
Listed in NTP Report on Carcinogens: No

SECTION 12: Ecological Information

Environmental Impact: Not determined

SECTION 13: Disposal Considerations

Waste Disposal: Consult local, state, and federal regulations before disposing this material.

Spill: If material released into the environment, the user should determine whether the spill should be reported to the appropriate local, state, and federal authorities.

SECTION 14: Transport Information

US Dot: NON-REGULATED MATERIAL
IATA: NON-REGULATED MATERIAL
IMO/IMDG: NON-REGULATED MATERIAL
Marine Pollutant: No

SECTION 15: Regulatory Information

U.S. Federal Regulation:
TSCA Registered: Yes
TSCA 5(a) SNUR: No
SARA Title III Section 313: This product does not contain material regulated under SARA Title III Sec 313
R&D Exemption: Unknown
Other:

International Regulations:
European EU Classification: Unknown
Australian (AICS) Listing: Unknown
Japanese (MITI) Listing: Unknown
Canadian (DSL) Listing: Unknown
Philippines (PICCS) Listing: Unknown
Korean Inventory List: Unknown

China Inventory List: Unknown

Europe EU Requirement:
Europe Requirements: Unknown

Other:

SECTION 16: Other Information

This Triactiv SDS was prepared on October 23, 2025.

Disclaimer: The information presented herein is believed to be factual, as it has been derived from the works of qualified experts; however, nothing contained in this SDS to be taken as a warranty. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

MITCHELL PRODUCTS
1205 West Main Street, Millville, NJ 08332 | 866-436-0500