



SAFETY DATA SHEET

Version 1

1. Identification of the Substance / Preparation and of the Company / Undertaking

Product Name: Monty's® Nauxin™
Recommended Use: Agricultural crop production
Company Name: Monty's Plant Food Co., Inc., 4800 Strawberry Ln., Louisville, KY 40209 (502) 489-9888

Emergency Telephone: Monty's Plant Food Co., Inc., (502) 489-9888

2. Hazards Identification

GHS - Classification

Acute toxicity - Oral	Category 4
Serious eye damage/eye irritation	Category 2



Signal Word: Warning

Hazard Statements:

- Harmful if swallowed
- Causes serious eye irritation

Physical Hazards

- None

Precautionary Statements:

- Do not eat, drink or smoke when using this product
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth
- Dispose of contents/ container to an approved waste disposal plant
- Wash face, hands and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention

3. Composition / Information on Ingredients

Hazardous

Chemical Name	CAS No	Weight-%	EC No
Trade Secret	-	5 - 15%	Listed
Trade Secret	-	5 - 15%	Listed
Trade Secret	-	5 - 15%	Listed
Trade Secret	-	0 - 10%	Listed
Trade Secret	-	0 - 10%	Listed

Trade Secret		0 - 10%	Listed
Trade Secret		0 - 10%	Not Listed

Non-Hazardous

Chemical Name	CAS No	Weight-%	EC No
Trade Secret	-	30 - 40%	Listed

4. First Aid Measures

- Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
- Skin Contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
- Inhalation:** Move to fresh air. If symptoms persist, call a physician.
- Ingestion:** Clean mouth with water and drink afterwards plenty of water. If symptoms persist, call a physician.
- Note to Physicians:** Treat symptomatically.

5. Fire-fighting Measures

Flammable Properties:

Not considered to be a fire hazard

Explosive Properties:

Not considered to be an explosion hazard

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable Extinguishing Media:

No information available

Protective Equipment and Precautions for Firefighters:

In the event of a fire, wear full protective clothing and MSHA/NIOSH (approved or equivalent) self-contained breathing apparatus with full facepiece operated in the pressure-demand or other positive pressure mode

6. Accidental Release Measures

- Personal Precautions:** Use only with adequate ventilation.
- Environmental Precautions:** Prevent further leakage or spillage if safe to do so.
- Methods for Cleaning Up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
- Other Information:** Not applicable.

7. Handling and Storage

- Advice on Safe Handling:** It is a violation of State and Federal law to use this product as a disinfectant or for any other pesticidal purpose.
- Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from any source of heat or ignition. Keep away from incompatible substances.

8. Exposure Controls / Personal Protection

Chemical Name	European Union	China	Japan	Korea	Australia	Taiwan
Trade Secret		TWA: 5 mg/m ³ STEL: 10 mg/m ³				

Engineering Controls: Ensure adequate ventilation, especially in confined areas

Personal protective equipment (PPE)

Eye/Face Protection: Tight sealing safety goggles.

Body Protection: Suitable protective clothing.

General Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical State:	Liquid	Odor:	None to mild ammonia
Appearance:	No information available	Odor Threshold:	No information available
Color:	Deep red liquid		

Property

Values

Remarks • Method

pH:	5.5	No information available
"Salt Out" Point (°F):		No information available
Melting Point/Freezing Point:		No information available
Boiling Point/Boiling Range:		No information available
Flash Point:		No information available
Evaporation Rate (BuAc=1):		No information available
Flammability (solid, gas):		No information available
Flammability Limits in Air:		No information available
Upper Flammability Limit:		Lower Flammability Limit:
Vapor Pressure (mm Hg) :		No information available
Vapor density (Air =1)		No information available
Specific Gravity (H₂O=1):	1.319	No information available
Specific Gravity (2nd value):		No information available
Water Solubility:		No information available
Solubility(ies):		No information available
Partition Coefficient (n-octanol/water)		No information available
Autoignition Temperature:		No information available
Decomposition Temperature:		No information available
Kinematic Viscosity:		No information available
Dynamic Viscosity:		No information available
Oxidizing Properties:	No information available	
Explosive Properties:	No information available	

9.2. Other information

Softening Point:	No information available
Molecular Weight:	No information available
VOC Content(%):	No information available
Density:	No information available
Bulk Density:	No information available

10. Stability and Reactivity

Stability: Stable under normal conditions of use and storage

Conditions to Avoid: Heat, flames and sparks

Incompatible Materials: No information available

Hazardous Decomposition Products: None under normal use conditions

Possibility of Hazardous Reactions: None under normal processing

11. Toxicological Information

Product Information

Acute Toxicity: 13.57% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

Chemical Name	Oral LD ₅₀ :	Dermal LD ₅₀ :	LC ₅₀ (Lethal Concentration):
Trade Secret	3250 mg/kg (Rat)		
Trade Secret	25800 mg/kg (Rat)		
Trade Secret	8471 mg/kg (Rat)		
Trade Secret	90 mL/kg (Rat)		

Chronic Toxicity:

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

12. Ecological Information

Ecotoxicity

13.57% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Trade Secret		6800: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static	
Trade Secret		16200 - 18300: 96 h <i>Poecilia reticulata</i> mg/L LC50	10000: 24 h <i>Daphnia magna</i> Straus mg/L EC50 3910: 48 h <i>Daphnia magna</i> mg/L EC50 Static

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Mobility: No information available.

Chemical Name	Partition Coefficient:
Trade Secret	-1.59

13. Disposal Considerations

Waste from Residues/Unused Products: Disposal should be in accordance with applicable regional, national and local laws and regulations

14. Transport Information

DOT

Description Not DOT Regulated

15. Regulatory Information

International Inventories

AICS -
 TSCA -
 DSL/NDSL - Complies
 EINECS/ELINCS -
 ENCS -
 IECSC -
 KECL -
 PICCS -

Chemical Name	AICS	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Trade Secret	Listed	Listed	Listed	-	Listed	-	Present	Listed	Present	Present
Trade Secret	Listed	Listed	Listed	-	Listed	-	(8)-46	Listed	KE-17727	Present
Trade Secret	Listed	Listed	Listed	-	Listed	-	(2)-1732	Listed	KE-35144	Present
Trade Secret	Present	-	Present	-	-	-	-	-	-	-
Trade Secret	Listed	Listed	Listed	-	Listed	-	-	Listed	KE-35400	Present

Inventory Legend

AICS - Australian Inventory of Chemical Substances
 TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances

RESTRICTIONS - REACH TITLE VII No information available

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard Yes
 Chronic health hazard No
 Fire hazard No
 Sudden release of pressure hazard No
 Reactive hazard No

U.S. State Right-to-Know Regulations

California Proposition 65:

This product does not contain any Proposition 65 chemicals

16. Other Information

National Fire Protection Association (NFPA) Ratings



Prepared By: HSE Department

Issue Date: 27-Apr-2017

Revision Date: 06-Feb-2018

Disclaimer:

PLEASE BE ADVISED THAT IT IS YOUR RESPONSIBILITY TO INFORM YOUR EMPLOYEES OF THE HAZARDS OF THIS SUBSTANCE, TO ADVISE THEM OF WHAT THESE PROPERTIES MEAN AND BE SURE THEY UNDERSTAND EXPOSURE INFORMATION. THE INFORMATION PROVIDED IN THIS SAFETY DATA SHEET IS CORRECT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF AT THE DATE OF ITS PUBLICATION.

THE INFORMATION PRESENTED HEREIN, WHILE NOT GUARANTEED, WAS PREPARED BY COMPETENT TECHNICAL PERSONNEL AND IS TRUE AND ACCURATE TO THE BEST OF OUR KNOWLEDGE. NO WARRANTY OR GUARANTY, EXPRESS OR IMPLIED, IS MADE REGARDING PERFORMANCE, STABILITY, OR OTHERWISE. THIS INFORMATION IS NOT INTENDED TO BE ALL-INCLUSIVE AS TO THE MANNER AND CONDITIONS OF USE, HANDLING, AND STORAGE. OTHER FACTORS MAY REQUIRE ADDITIONAL SAFETY OR PERFORMANCE CONSIDERATIONS. WHILE OUR TECHNICAL PERSONNEL WILL BE HAPPY TO RESPOND TO QUESTIONS REGARDING SAFE HANDLING AND USE PROCEDURES, THE HANDLING AND USE REMAINS THE RESPONSIBILITY OF THE CONSUMER. NO SUGGESTIONS ARE INTENDED AS, AND SHOULD NOT BE CONSTRUCTED AS, A RECOMMENDATION TO INFRINGE ON ANY EXISTING PATENTS OR TO VIOLATE ANY FEDERAL, STATE, OR LOCAL LAWS.

End of Safety Data Sheet