



# SAFETY DATA SHEET

Version 1

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

**Product Name:** Monty's Premium Blend  
**Synonyms:** None  
**Formula:** Not applicable for mixtures  
**Molecular Weight:** Not applicable for mixtures

**Company Name:**  
Monty's Plant Food Co., 4800 Strawberry Ln., Louisville, KY 40209 (502-489-9888)

**Emergency Telephone:**  
Monty's Plant Food Co., 4800 Strawberry Ln., Louisville, KY 40209 (502-489-9888)

## 2. Hazards Identification

### GHS - Classification

Acute toxicity - Oral Category 5

**Signal Word:** Warning

**Hazard Statements:**  
• May be harmful if swallowed

**Physical Hazards:**  
• None

**Precautionary Statements:**  
• P312 - Call a POISON CENTER or doctor if you feel unwell

## 3. Composition / Information on Ingredients

### Hazardous

Chemical Name	CAS No	Weight-%	EC No
Proprietary	-	30 - 40%	Listed
Proprietary	-	0 - 10%	Listed
Proprietary	-	10 - 20%	Listed
Proprietary	-	0 - 10%	Listed
Proprietary	-	0 - 10%	Listed
Proprietary	-	0 - 10%	Listed
Zinc Diammonium EDTA	67859-51-2	0 - 10%	

### Non-Hazardous

Chemical Name	CAS No	Weight-%	EC No
Proprietary	-	40 - 50%	Listed

## 4. First Aid Measures

**Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes. If symptoms persist, call a physician.

**Skin Contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.

<b>Inhalation:</b>	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
<b>Ingestion:</b>	Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
<b>Note to Physicians:</b>	Treat symptomatically.
<b>Self-protection of the First Aider:</b>	Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

## 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

<b>Personal Precautions:</b>	Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.
<b>Environmental Precautions:</b>	Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
<b>Methods for Cleaning Up:</b>	Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water.
<b>Other Information:</b>	Not applicable.

## 7. Handling and Storage

<b>Advice on Safe Handling:</b>	Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Use only with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems.
<b>Storage Conditions:</b>	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.
<b>Incompatible Materials:</b>	None known based on information supplied

## 8. Exposure Controls / Personal Protection

Chemical Name		ACGIH TLV		OSHA PEL		Ontario TWA	
Proprietary		STEL: 3 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>		1 mg/m <sup>3</sup> TWA 3 mg/m <sup>3</sup> STEL		TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	
Proprietary		Ceiling: 2 mg/m <sup>3</sup>		2 mg/m <sup>3</sup> Ceiling		CEV: 2 mg/m <sup>3</sup>	
Chemical Name	European Union	China	Japan	Korea	Australia	Taiwan	
Proprietary	TWA 1 mg/m <sup>3</sup> STEL 2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	STEL: 3 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup> 3 mg/m <sup>3</sup> STEL	TWA: 1 mg/m <sup>3</sup>	
Proprietary		Ceiling: 2 mg/m <sup>3</sup> Ceiling	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup> Peak		
Proprietary				STEL: 20 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>			

**Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

**Engineering Controls:** Ensure adequate ventilation, especially in confined areas

**Personal protective equipment (PPE)**

**Eye/Face Protection:** Tight sealing safety goggles. Face protection shield.

**Body Protection:** Gloves made of plastic or rubber. Rubber boots. Suitable protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate.

**General Hygiene Considerations:**

Wash contaminated clothing before reuse. When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection.

**9. Physical and Chemical Properties**

**9.1. Information on basic physical and chemical properties**

<b>Physical State:</b>	Liquid	<b>Odor:</b>	No information available
<b>Appearance:</b>	No information available	<b>Odor Threshold:</b>	No information available
<b>Color:</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH:	6.6	
"Salt Out" Point (°F):		No information available
Melting Point/Freezing Point:		
Boiling Point/Boiling Range:		
Flash Point:		
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):	1.253	
Specific Gravity (2nd value):		
Water Solubility:		No information available
Solubility(ies):		No information available
Partition Coefficient (n-octanol/water)		No information available
Autoignition Temperature:		
Decomposition Temperature:		No information available
Kinematic Viscosity:		No information available
Dynamic Viscosity:		No information available
Oxidizing Properties:	No information available	
Explosive Properties:	Not considered to be an explosion hazard	

**9.2. Other information**

**Softening Point:** No information available  
**Molecular Weight:** Not applicable for mixtures  
**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:** None known based on information supplied  
**Incompatible Materials:** None known based on information supplied  
**Hazardous Decomposition Products:** Phosphorus oxides  
**Possibility of Hazardous Reactions:** None under normal processing

**11. Toxicological Information**

**Product Information**

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

Chemical Name	Oral LD <sub>50</sub> :	Dermal LD <sub>50</sub> :	LC <sub>50</sub> (Lethal Concentration):
Proprietary	1530 mg/kg ( Rat )	2730 mg/kg ( Rabbit )	850 mg/m <sup>3</sup> ( Rat ) 1 h
Proprietary	214 mg/kg ( Rat )		
Proprietary	350 mg/kg ( Rat )		
Proprietary	1950 mg/kg ( Rat )		
Proprietary	90 mL/kg ( Rat )		
Proprietary	2000 mg/kg ( Rat )		

**Chronic Toxicity:**

**Carcinogenicity:** This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B)

Chemical Name	IARC
Proprietary	Group 3

**IARC (International Agency for Research on Cancer)**  
 Not classifiable as a human carcinogen

**Target Organ Effects:** Eyes, Respiratory system, Skin

**12. Ecological Information**

**Ecotoxicity**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Proprietary		3 - 3.5: 96 h <i>Gambusia affinis</i> mg/L LC50	4.6: 12 h <i>Daphnia magna</i> mg/L EC50

Proprietary		80: 96 h <i>Gambusia affinis</i> mg/L LC50 static	
Proprietary		8.2: 96 h <i>Pimephales promelas</i> mg/L LC50	0.66: 48 h water flea mg/L EC50 0.66: 48 h <i>Daphnia pulex</i> mg/L EC50
Proprietary		460 - 1000: 96 h <i>Leuciscus idus</i> mg/L LC50 static 250: 96 h <i>Brachydanio rerio</i> mg/L LC50 480: 96 h <i>Brachydanio rerio</i> mg/L LC50 flow-through 420: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 18: 96 h <i>Cyprinus carpio</i> mg/L LC50 100: 96 h <i>Pimephales promelas</i> mg/L LC50 32.2 - 41.9: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 5.2 - 8.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 123 - 128: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 126: 96 h <i>Poecilia reticulata</i> mg/L LC50	423: 24 h <i>Daphnia magna</i> mg/L EC50 14: 48 h <i>Daphnia magna</i> mg/L LC50

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Mobility:** No information available.

Chemical Name	Partition Coefficient:
Proprietary	0.65
Proprietary	0.83
Proprietary	-5.1

**13. Disposal Considerations**

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

**Contaminated Packaging:** Do not reuse container.

**14. Transport Information**

IATA

DOT

Description NA

TDG

MEX

**15. Regulatory Information**

**International Inventories**

All of the components in the product are on the following inventory lists: TSCA (United States);, Canada (DSL/NDL), Europe (EINECS/ELINCS/NLP), Australia (AICS), South Korea (KECL);, China (IECSC), Philippines (PICCS), This product contains a substance not listed on international inventories - it is for research and development use only.

AICS Complies

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	-
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies

Chemical Name	AICS	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Proprietary	Listed	Listed	Listed	-	Listed	-	(1)-422	Listed	KE-27427	Present
Proprietary	Listed	Listed	Listed	-	Listed	-	(1)-369	Listed	KE-29139	Present
Proprietary	Listed	Listed	Listed	-	Listed	-	(1)-314	Listed	KE-01688	Present
Proprietary	Listed	Listed	Listed	-	Listed	-	(1)-405	Listed	KE-01751	Present
Proprietary	Listed	Listed	Listed	-	Listed	-	-	Listed	KE-35400	Present
Proprietary	Listed	Listed	Listed	-	Listed	-	(1)-405 (1)-399	Listed	KE-01745	Present
Proprietary	Listed	Listed	Listed	-	Listed	-	(1)-400	Listed	KE-01743	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

Chemical Name	CERCLA Hazardous Substances and the Reportable Quantities	SARA Extremely Hazardous Substances EPCRA RQ	SARA Extremely Hazardous Substances TPQ
Proprietary	5000 lb 2270 kg	-	-
Proprietary	1000 lb 454 kg	-	-
Proprietary	1000 lb 454 kg	-	-
Proprietary	5000 lb 2270 kg	-	-

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Proprietary	1.0
Proprietary	1.0

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No

**Sudden release of pressure hazard**  
**Reactive Hazard**

No  
No

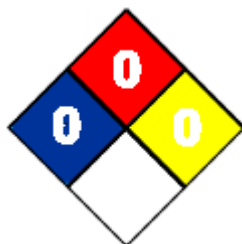
**U.S. State Right-to-Know Regulations**

**California Proposition 65:**

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**16. Other Information**

**National Fire Protection Association (NFPA) Ratings**



**Issue Date:** 01-26-2016

**Revision Date:** 01-26-2016

**Revision Note:**

**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 construed as, a recommendation to infringe on any existing patents or to violate any Federal, State, or local laws.

**End of Safety Data Sheet**