

# SAFETY DATA SHEET

MEHERRIN AGRICULTURAL & CHEMICAL COMPANY



Updated: September 26, 2014

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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Twister HL™**  
Supplier: MEHERRIN AGRICULTURAL & CHEMICAL COMPANY  
413 MAIN STREET  
SEVERN, NC 27877  
Product Use: Adjuvant  
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300  
Customer Service, call: (800) 775-0333

## 2. HAZARDS IDENTIFICATION

### GHS Classification:

Aspiration Hazard, Category 1, H304



H304

**Signal Word:** Danger

### Hazard Statements:

H304: May be fatal if swallowed and enters airways.

### Precautionary Statements:

#### Prevention

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

#### Response

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor or Chemtrec.

P331: Do NOT induce vomiting.

#### Storage

P405: Store locked up.

#### Disposal

P501: Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Weight %
Mixture	Proprietary	100%

## 4. FIRST AID MEASURES

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 or attention.

If on Skin: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Call a POISON CENTER/doctor or Chemtrec if person feels unwell.

If Swallowed: Immediately call a POISON CENTER/doctor or Chemtrec. Rinse mouth. Have person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

If Inhaled: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration. Call a POISON CENTER/doctor or Chemtrec if person feels unwell.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

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Other Effects: This product is not a carcinogen by NTP, OSHA and ACGIH.

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## 5. FIREFIGHTING MEASURES

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Suitable Extinguishing media: Water spray, foam, CO<sub>2</sub>, or dry chemicals may be used in areas where this product is stored.

Specific Hazards: None

PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

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## 6. ACCIDENTAL RELEASE MEASURES

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Do not touch or walk through spilled material. Stop leak if possible to do so without risk. Evacuate the spill area, except for cleanup personnel. Wear protective equipment as referenced in Section 8 below. Control spill with adsorbent pads or booms. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal. Product is slippery under foot; flush smooth surfaces thoroughly. This product is classified as oil under Section 311 of the Clean Water Act. Discharge to surface waters that cause a sheen must be reported to the National Response Center (800-424-8802).

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## 7. HANDLING AND STORAGE

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Store locked up. Keep away from heat, sparks and flame. Keep container closed. Safety goggles with full-face shield and eyewash recommended. USDA-accepted Nitrile (CFR-20) or neoprene rubber (CFR-21) recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact. Use only with adequate mechanical exhaust ventilation. To avoid fire minimize ignition sources. Product should be stored in a dry place with temperatures above 30°F. Partially used containers should be resealed between uses for maximum storage stability.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Component Exposure Limits: N/D

Eye/Face Protections: Wear protective eyewear. Contact lenses should not be worn when working with chemicals.

Skin Protection: Wear long sleeved shirt, long pants, boots, socks and neoprene rubber, nitrile rubber or Viton® gloves to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Respiratory Protection: Protect against spray mists and dust clouds. Respirator recommended in areas of poor ventilation.

General Protection: Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.

Note: When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed. Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Slightly hazy, amber liquid	UEL:	N/D
Odor:	Slight odor	LEL:	N/D
Odor Threshold:	N/D	Vapor Pressure:	N/D
pH:	7.45	Vapor Density:	N/D
Melting Point:	N/D	Relative Density:	7.62 lbs/gallon
Freezing Point:	N/D	Solubility:	Dispersible in water
Boiling Point:	>250°F	Partition Coefficient:	N/D
Flash Point:	N/D	Autoignition Temperature:	N/D
Evap. Rate (H2O=1):	>1	Decomposition Temperature:	N/D
Flammability:	N/D		

## 10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur
Condition to Avoid:	None known
Incompatible Materials:	Strong acids, strong oxidizers. Do not mix with chlorinated detergents (bleach).
Hazardous Decomposition Products:	None known

## 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	LD50 > 5,000 mg/kg (albino rats)
Acute Eye Irritation:	Non-irritating (albino rabbits)
Acute Dermal Irritation:	Non-irritating (albino rabbits)
Acute Dermal Toxicity:	LD50 > 5,050 mg/kg (albino rats)
Acute Inhalation:	N/D
Component Carcinogenicity:	None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

## 12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

## 13. DISPOSAL CONSIDERATIONS

Component Waste Numbers:	No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions:	Recycle or rework material if at all possible. All wastes must be handled in accordance with local, state and federal regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.
Container Reuse:	An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse. Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

DOT Status (Highway and rail):	Not Regulated
IATA Status (Air):	Not Regulated
Marine Pollutant:	No

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## 15. REGULATORY INFORMATION

TSCA: All components of this product are listed under the regulation of the Toxic Substance Control Act.

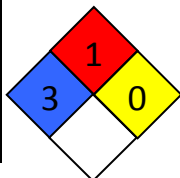
SARA HAZARD: No

## 16. OTHER INFORMATION

HMIS Hazard Rating

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	X

NFPA Rating



Date Prepared: November 6, 2013

Last Updated: September 26, 2014

**WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, MEHERRIN AGRICULTURAL & CHEMICAL COMPANY MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.**

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.