

Material Safety Data Sheet

Ferti-Stik
Issue Date: 09/04

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT

Ferti-Stik

Common Name: Spreader/Sticker
Chemical Description:
TCSA/CAS No.:

MANUFACTURED FOR

Fertilizer Company of Arizona, Inc.
2850 South Peart Road
Casa Grande, Arizona 85222

Emergency Phone Numbers

Emergency Telephone: 520.836.7477
CHEMTREC (24-hour Emergency Number): 800.424.9300
EPA National Response Center: 800.424.8802

SECTION 2. HAZARDOUS INGREDIENTS

<u>CHEMICAL</u>	<u>CAS NO.</u>	<u>%</u>	<u>TLV OR PEL</u>	<u>RO (lbs.)</u>
None				

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

HEALTH: 1	REACTIVITY: 0	FLAMMABILITY: 1	ENVIRONMENT: 0
(0=Insignificant)	1=Slight	2=Moderate	3=High
			4=Extreme)

SECTION 4. FIRST AID

Eyes: Immediately flush eyes with large quantities of water for at least 15 minutes, occasionally lifting the lower and upper lids. Seek medical attention.

Skin: Immediately wash skin with plenty of water while removing contaminated clothing and shoes. If irritation persists, seek medical attention. Clean contaminated clothing and shoes before reuse.

Ingestion: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water. If so advised by a physician or Poison Control Center, induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Do not leave victim unattended.

Inhalation: Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs, remove the victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

Antidotes: Treat symptomatically. No specific antidote available.

Notes to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

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SECTION 5. FIRE AND EXPLOSION HAZARDS

Flash Point:	>200° F
Test Method:	Pensky-Martins closed cup
LEL Flammable Limits:	Not available
UEL Flammable Limits:	Not available
Autoignition Temperature:	Not available
Flammability Classification:	IIIB
Known Hazardous Products of Combustion:	Carbon monoxide and carbon dioxide
Properties that Initiate/Contribute to Intensity of Fire:	None
Potential for Dust Explosion:	None
Reactions that Release Flammable Gases or Vapors:	Not known
Potential for Release of Flammable Vapors:	None
Unusual Fire & Explosion Hazards:	Not known
Extinguishing Media:	Foam, CO ₂ , dry chemical, water, sand/earth
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

SECTION 6. SPILLS AND LEAKS

Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Absorb with an inert material such as sand, soil or vermiculite; sweep up and dispose in accordance with federal, state, and local regulations. Wash area with water. Collect wash water for disposal.
Evacuation:	Not necessary

SECTION 7. STORAGE AND HANDLING

Storage:	Store in tightly closed original labeled containers in a cool, well ventilated, dry place at temperatures above 40° F, but less than 120° F. Keep away from ignition sources and incompatible materials. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Work/Hygienic Practices:	Harmful if swallowed. May cause irritation of eyes, nose, throat and skin. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing spray mist. Wash thoroughly after handling. Remove contaminated clothing and wash thoroughly before reuse. Do not contaminate feed and foodstuffs.

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SECTION 8. PERSONAL PROTECTIVE EQUIPMENT

Personal hygiene is important exposure control measure. The following general measures should be taken when working with or handling this material.

Personal Protection:	These recommendations provide general guidelines for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application.
Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling. An emergency eye wash and safety shower should be accessible to the work area.
Skin:	Impervious gloves and clothes. Gloves should be solvent resistant rubber or plastic. Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing such as shirts and pants.
Respiratory:	Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation:	Recommended but no TLV established.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance:	Clear liquid
Odor:	None
pH:	6
Vapor Pressure:	Not available
Vapor Density (Air=1):	Not available
Boiling Point:	Not available
Freezing Point:	Not available
Water Solubility:	Dispersable
Density:	8.33 lbs./gal.
Evaporation Rate:	Not available
Viscosity:	Not available
% Volatile:	Not available
Octanol/Water Partition Coefficient:	Not available
Saturated Vapor Concentration:	Not available

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Incompatibility:	Keep away from heat, open flame, and spark. As well as strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide from burning.
Hazardous Polymerization:	Will not occur

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SECTION 11. POTENTIAL HEALTH EFFECTS

Acute Effects:

Eyes:	Minimal irritation
Skin:	Minimal irritation
Ingestion:	Not available
Inhalation:	Vapors may irritate respiratory system.

Subchronic Effects: None known

Chronic Effects: None known

SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition:	Not known
Toxicity to Fish and Invertebrates:	Not known
Toxicity to Plants:	Not known
Toxicity in Birds:	Not known

SECTION 13. DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents in accordance with state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

SECTION 14. TRANSPORTATION

D.O.T. Proper Shipping Description:	Not D.O.T. Regulated
Other Shipping Information:	Adhesives, Adjuvants, Spreaders or Stickers, Liquid. (NMFC Item 4612, LTL Class 60)

SECTION 15. REGULATORY INFORMATION

CERCLA:	None
SARA TITLE III, Section 313 Toxic Chemicals:	None

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.