

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: UNIFAST - B 03/01/99 P. 1

MANUFACTURER: CUSTOM AGRICULTURAL FORMULATORS
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I. PRODUCT DESCRIPTION

Proprietary mixture of Alkylaryl polyoxyethylene glycols, isopropanol, Phosphoric acid.

II. HAZARDOUS INGREDIENTS

Chemical	CAS Number	RTEC
Isopropanol	67-63-0	NT8050000
Phosphoric acid	7664-38-2	TB6300000

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

	Isopropyl Alcohol	Phosphoric Acid
Boiling point -	180°F	500°F
Solubility in water -	Miscible	Miscible
Specific gravity	(H2O=1) - 0.79	1.834
Vapor pressure -	33mmHg @68°F	0.03mmHg @20F
Flash Point	53°F	None

IV. REACTIVITY DATA

STABILITY: Stable INCOMPATIBILITIES: Strong oxidizers
HAZARDOUS POLYMERIZATION: Will not occur.

V. FIRE AND EXPLOSION DATA

In case of fire involving this product: Keep unnecessary people away, isolate area and deny entry. Stay upwind. Keep out of low areas. Do not become a casualty. ***This product is considered flammable for purposes of transportation and storage. In packaging quantities of 1 gallon or less, it is exempt from flammable labeling on container.***

- * Wear appropriate protective clothing and equipment
- * Use water in flooding quantities.
- * Solid streams of water may be ineffective.
- * Contain spill and runoff to avoid environmental damage.
- * Apply water from as far a distance as possible.

VI. PHYSIOLOGICAL & HEALTH EFFECTS

ACUTE EFFECTS OF OVEREXPOSURE:

This product may cause severe eye irritation, skin, respiratory and gastrointestinal irritation and central nervous system depression. Inhalation or ingestion may cause nausea, weakness, fatigue, headache and diarrhea.

CHRONIC HEALTH EFFECT: Prolonged and repeated contact to unprotected skin may result in dermatitis.

ADVISORY NOTE: A physician should be contacted if anyone develops any signs or symptoms and suspects that they are caused by exposure to this product.

VII. EMERGENCY AND FIRST AID PROCEDURES

Swallowing - Do not induce vomiting. Get medical attention immediately.

Skin - Flush affected area with water, followed by washing with soap and water until all material is removed. Obtain medical attention if irritation persists.

Inhalation - Remove from contaminated atmosphere. Give oxygen if available. Keep the affected person warm and at rest. If symptoms of respiratory discomfort persist, obtain medical attention.

Eyes - Immediately flush eyes with large quantities of water for 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately.

VIII. ENVIRONMENTAL PROTECTION

ENVIRONMENTAL IMPACT: This product, when used as directed by the label, is not expected to have any significant impact on the environment.

IX. SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wear suitable protective equipment. Small spills: absorb liquid with absorbent material. Large spills: stop spill at source. Dike area of the spill to prevent spreading. Pump liquids into waste containers. Remaining liquids can be absorbed. Flush area with water to dilute to harmless solution. Dispose of waste materials according to local, state and federal regulations.

X. PROTECTIVE EQUIPMENT

EYES AND FACE: Employees should be provided with and required to use splash-proof safety goggles. Face shield advised. Contact lenses should not be worn when working with product.
CLOTHING: Prevent any possibility of skin contact. Wear impervious clothing.
GLOVES/BOOTS: Wear impervious gloves appropriate for the type of work being performed.

XI. HYGIENIC PRACTICES

It is advisable to wash chemicals from the skin promptly if skin becomes contaminated. Always wash before eating, smoking or using toilet facilities and at the end of each work shift. It is advisable to change clothing after work shift and wear clean clothing before reuse.

XII. SPILL AND LEAK PROCEDURES

- * Keep material out of water sources and sewers. * Attempt to stop leak if without hazard.
- * Build dikes to contain flow as necessary. * Use water spray to knock down vapors.
- * Small spills: Take up with sand or noncombustible absorbent material.
- * Large spills: Dike or dig pits for containment.

CAUTION: Keep out of reach of children. Read the container label. Follow all precautionary directions and restrictions. The information presented herein 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. All information appearing in this document was based on data provided by third party sources. Neither the manufacturer nor its agents assume liability for the use of this product or information since the conditions of use are beyond the control of the manufacturer and its agents.