

1. PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER ICA Trinova, LLC
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 Newnan, GA 30263 USA

REVISION DATE **October 25, 2017**

EMERGENCY TELEPHONE TO REQUEST AN SDS HAZMAT Services, Inc. **800-373-7542**, Contract # 1055
 sales@icatrinoa.com

CUSTOMER SERVICE **770-683-9181 M-F 9:00 - 5:00 EST**

PRODUCT IDENTIFIER **FruitGard® Wipeout Acid Activator**

SYNONYMS ZF Impregnate, Acid Acitvator, Part B, Wipeout

RECOMMENDED USES Deodorizer

USES ADVISED AGAINST Anything inconsistent with package instructions.

2. HAZARDS IDENTIFICATION

CLASSIFICATION This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

COLOR Yellow-Orange to Brown

PHYSICAL STATE Solid

APPEARANCE Granules

ODOR Slight odor of hydrochloric acid

GHS CLASSIFICATION

| <i>Table A3.1.2 (p. 270) G.H.S. of Classifying and Labeling Chemicals; Sixth Revised Edition</i> | |
|--|-----------------|
| HEALTH HAZARD STATEMENT | HAZARD CATEGORY |
| MAY BE HARMFUL IF SWALLOWED, IN CONTACT WITH SKIN OR IF INHALED | 5 |
| CAUSES EYE IRRITATION | 2B |

UNKNOWN ACUTE TOXICITY
GHS SYMBOL


SIGNAL WORD **DANGER**

PHYSICAL HAZARDS
 May be corrosive to metals.

PRECAUTIONARY STATEMENTS

PREVENTION
 Under normal conditions of use, no health effects are expected. Carefully follow use instructions.

RESPONSE Seek medical attention for any persistent symptom or if you feel unwell.

IF SWALLOWED

Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

IF ON SKIN (OR HAIR)

Brush off loose particles. Rinse with water.

IF IN EYES

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for as long as possible or at least 15 minutes.

IF INHALED

Move person to fresh air and keep comfortable for breathing.

STORAGE
 Store in original container. Store in a well-ventilated place. Keep container tightly closed. Protect from moisture and water to retain product integrity.

DISPOSAL
 Dispose of contents and container in accordance with applicable local, regional, national, and/or international regulations.

HAZARDS NOT OTHERWISE CLASSIFIED
 None Identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Synonyms | CAS No. | Weight % Range |
|------------------------------------|--|------------|----------------|
| Ferric Chloride Hexahydrate | iron trichloride hexahydrate, iron perchloride hexahydrate | 10025-77-1 | 10-30 |
| Zeolite | --- | 12173-10-3 | 65-90 |
| Other Ingredients - Not Classified | --- | --- | 0-5 |

4. FIRST AID MEASURES
GENERAL ADVICE

When medical attention is required, show this SDS to the attending physician.

INGESTION (IF SWALLOWED)

Rinse mouth. Drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

SKIN CONTACT (IF ON SKIN OR HAIR)

Brush off loose particles from skin and clothing. Wash skin with plenty of water. If irritation develops or persists call a physician.

EYE CONTACT (IF IN EYES)

Immediately flush with plenty of water, including under the eyelids. Remove any contact lenses if present and easy to do. Continue to rinse for at least 15 minutes. Keep eye wide open while rinsing. Get medical attention.

INHALATION (IF INHALED)

Move person to fresh air. Get medical attention if needed.

SIGNS AND SYMPTOMS OF EXPOSURE
INGESTION (IF SWALLOWED)

Exposure by ingestion may cause irritation, nausea, and vomiting.

SKIN CONTACT (IF ON SKIN OR HAIR)

Skin exposure may cause redness, rash or irritation.

EYE CONTACT (IF IN EYES)

Exposure to eyes may cause irritation and burns to the eye.

INHALATION (IF INHALED)

Inhalation of airborne material may cause irritation, redness of upper and lower airways, coughing.

SELF-PROTECTION FOR FIRST AID PERSONNEL

Use personal protective equipment as required. Avoid contact with skin, eyes, or clothing.

5. FIRE-FIGHTING MEASURES
FIRE HAZARD

Not a fire hazard.

SUITABLE EXTINGUISHING MEDIA

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

UNSUITABLE EXTINGUISHING MEDIA

None known.

FIRE FIGHTING

Wear NIOSH approved positive-pressure self-contained breathing apparatus. Consider evacuation of personnel located downwind. Keep unnecessary people away, isolate hazard area and deny entry. Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Flood with fine water spray. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

| | |
|----------------------------------|----------------|
| HAZARDOUS COMBUSTION PRODUCTS | Not Applicable |
| SENSITIVITY TO MECHANICAL IMPACT | Not Sensitive |
| SENSITIVITY TO STATIC DISCHARGE | Not Sensitive |
| LOWER FLAMMABILITY LEVEL (AIR) | Not Flammable |
| FLASH POINT | Not Flammable |
| AUTO-IGNITION TEMPERATURE | Not Applicable |

6. ACCIDENTAL RELEASE MEASURES
PERSONAL PRECAUTIONS

Wear protective gloves, safety glasses and appropriate clothing to minimize skin contact. Avoid breathing dust or fumes.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Pick up spilled material and place in appropriate containers for disposal. Avoid mixing spilled material with other chemicals or debris when cleaning up. Dispose of in accordance with all applicable regulations.

ENVIRONMENTAL PRECAUTIONS

Avoid release into the environment. Do not flush into surface water or sanitary sewer system.

7. HANDLING AND STORAGE
PRECAUTIONS FOR SAFE HANDLING

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, or clothing.

SAFE STORAGE CONDITIONS

Store in tightly closed labeled containers in a dry, well-ventilated area, out of direct sunlight. Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances (see below or Section 10 of the Safety Data Sheet).

INCOMPATIBILITIES/MATERIALS TO AVOID

Will react with water to produce corrosive liquid or fumes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
EXPOSURE GUIDELINES

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

ENGINEERING CONTROLS

Ensure adequate ventilation, especially in confined areas.

GENERAL HYGIENE CONSIDERATIONS

Do not eat, drink, or smoke while using this product. Keep away from food, drink, and animal feeding stuffs. Regular cleaning of equipment, work area, and clothing is recommended. Do not taste or swallow.

SKIN AND BODY PROTECTION

Wear protective clothing to minimize skin contact. Contaminated clothing should be laundered before reuse.

HAND PROTECTION

Impervious gloves are recommended.

PROTECTIVE MATERIAL TYPES

Neoprene

EYE AND FACE PROTECTION

Safety glasses or goggles.

RESPIRATORY PROTECTION

Use a dust mask to avoid breathing particulate.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------|--------------------------|----------------------------|-----------------------------------|
| Physical State | Solid | pH | Not Applicable to Solids |
| Appearance | Granules | Kinematic Viscosity | Not Applicable to Solids |
| Color | Yellow-Orange to brown | Water Solubility | 1% to 10% at 25° Centigrade |
| Odor | hydrochloric acid | Partition Coefficient | Not Applicable |
| Melting Point/Freezing Point | Not Applicable | Vapor Pressure | Negligible |
| Boiling Point/Range | Not Applicable | Density | Approx. 60 lbs. per cubic foot |
| Flammability (solid, gas) | No Information available | Vapor Density (air=1) | Not Applicable |
| Lower Flammability Level (air) | No Information available | Particle Characteristics | Median 30 mesh, Range 6 - 80 mesh |
| Upper Flammability Level (air) | No Information available | Molecular Weight | No Information available |
| Flash point | Not Applicable to Solids | Molecular Formula | No Information available |
| Auto-ignition Temperature | No Information available | Evaporation Rate (ether=1) | Not Applicable to Solids |
| Decomposition Temp. | No Information available | | |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| REACTIVITY | Not Reactive |
| CHEMICAL STABILITY | Stable |
| POSSIBILITY OF HAZARDOUS REACTIONS | If exposed to water, media may release corrosive liquids and fumes. |
| CONDITIONS TO AVOID | Improper storage in open containers |
| INCOMPATIBLE MATERIALS | Not applicable |
| HAZARDOUS DECOMPOSITION PRODUCTS | None |
| HAZARDOUS POLYMERIZATION | Will not occur |

11. TOXICOLOGICAL INFORMATION
LIKELY ROUTES OF EXPOSURE AND POTENTIAL HEALTH EFFECTS

| <i>Table A3.1.2 (p. 270) G.H.S. of Classifying and Labeling Chemicals; Sixth Revised Edition</i> | | | |
|--|-----------------------------------|--|-----------------|
| | HAZARD CLASS | HEALTH HAZARD STATEMENT | CATEGORY |
| (a., b., d.) | Acute Toxicity, Oral | MAY BE HARMFUL IF SWALLOWED, IN CONTACT WITH SKIN OR IF INHALED | 5 |
| (c.) | Serious Eye Damage/eye irritation | CAUSES EYE IRRITATION | 2B |
| (e.) | Germ Cell Mutagenicity | Not Classified | |
| (f.) | Carcinogenity | Category 3 - Not classifiable as a carcinogen by IARC | |
| (g.) | Reproductive Toxicity | Not Classified | |
| (h.) | STOT - Single Exposure | Not Classified | |
| (i.) | STOT-repeated exposure | No information available | |
| (j.) | Aspiration Hazard | No information available | |

SIGNS AND SYMPTOMS OF EXPOSURE
INGESTION (IF SWALLOWED)

Exposure by ingestion may cause irritation, nausea, and vomiting.

SKIN CONTACT (IF ON SKIN OR HAIR)

Skin exposure may cause redness, rash or irritation.

EYE CONTACT (IF IN EYES)

Exposure to eyes may cause irritation and burns to the eye.

INHALATION (IF INHALED)

Inhalation of airborne material may cause irritation, redness of upper and lower airways, coughing.

12. ECOLOGICAL INFORMATION
ECOTOXICITY DATA

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

| Chemical Name | Algae/aquatic plants | | Fish | Crustacea |
|---------------------------------------|---|---|---|--|
| Zeolite 12173-10-3 | 18: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 | | 1800: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 3200-5600: 96 h <i>Oryzias latipes</i> mg/l LC50 semi-static 1800-3200: 96 h <i>Poecilia reticulata</i> mg/l LC50 semi-static. | 1000-1800: 48 h <i>Daphnia magna</i> mg/LEC50 |
| Chemical Name | Freshwater Algae | Freshwater Fish | Microtox | Water Flea |
| Iron(III) Chloride hexahydrate | Not Listed | 22 mg/l 96H (anh subst) | Not Listed | 9.6 mg/l 48H (anh subst) |
| Iron(III) Chloride | Not Listed | LC50: = 75.6 MG/l, 96h static (<i>Grambusia affinis</i>) LC50: 20.95 - 22.56 mg/L 96h semi-static (<i>Pimephales promelas</i>) LC50: = 20.26 mg/L, 96h semi-static (<i>Lepomis macrochirus</i>) | Not Listed | EC50: = 9.6 mg/L, 48h Static (<i>Daphnia magna</i>) EC50: = 27.9 mg/L, 48h (<i>Daphnia magna</i>) |

BIODEGRADATION

No data available.

PERSISTENCE

May persist based on information available.

BIOACCUMULATIVE POTENTIAL

This material will not bioaccumulate.

MOBILITY IN SOIL

Will likely be mobile in the environment due to its water solubility.

OTHER ADVERSE EFFECTS

None Known.

13. DISPOSAL CONSIDERATIONS
CONTAINER MANAGEMENT

Do not reuse container.

WASTE FROM MATERIAL

Disposal should be in accordance with applicable regional, national, and local laws and regulations. Avoid sewage disposal.

14. TRANSPORT INFORMATION
DOT

Not regulated.

15. REGULATORY INFORMATION
US REGULATIONS

| Chemical Name | Ferric Chloride Hexahydrate 10025-77-1 | | | | |
|--------------------------|---|-----------------------|-------------|-----------------------------------|-----------------|
| REPORTABLE QUANTITY (RQ) | RQ 5000 lb final RQ RQ 2270 kg final RQ | | | | |
| CERCLA/SARA RQ | --- | | | | |
| HAZARDOUS SUBSTANCES RQs | 5000 lb | | | | |
| SARA 313 | This material does not contain any chemical components that exceed the threshold reporting levels established by SARA Title III, Section 313. | | | | |
| SARA 311/312 | Acute Health Hazard | Chronic Health Hazard | Fire Hazard | Sudden Release of Pressure Hazard | Reactive Hazard |
| | Yes | Yes | No | No | No |

STATE REGULATIONS

| Component | Ferric Chloride Hexahydrate 10025-77-1 |
|---|--|
| CA Proposition 65 | This product does not contain any chemicals known to State of CA to cause cancer, birth defects, or any other reproductive harm. |
| PCP REGISTRATION | NOT REGISTERED |
| PA Right to Know Hazardous Substance List | LISTED |
| MA Right to Know Hazardous Substance List | LISTED |
| NJ Right to Know Hazardous Substance List | LISTED |

16. OTHER INFORMATION

Prepared by ICA-Trinova, LLC

IMPORTANT

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OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Safety Data Sheet available to your employees.

End of Safety Data Sheet