

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Form: Mixture
Product Name: Agri-Nutrients Fertilizer 10-0-0 .20 Imidashield

CAS Registry Number: Proprietary
Product Use: Fertilizer Micronutrient Additive
Manufacturer/Supplier: Agri-Nutrients Inc. 5201 Bird Creek Ave. Catoosa, Ok 74017
Emergency Phone #:s: Office 918-266-1016
Poison Center 1-800-222-1222

2. SIGNAL WORD

WARNING



Irritant

MAY CAUSE EYE, SKIN, AND RESPIRATORY IRRITATION.

Avoid contact with skin and clothing. Wash after handling.

Wear appropriate personal protective equipment. (See Section 8 for additional information)

POTENTIAL HEALTH EFFECTS (See Section 11 for additional information)

Primary Route (s) of Exposure: Skin contact, eye contact and inhalation
Acute Exposure:
Inhalation Causes irritation to respiratory tract, symptoms may include coughing, sore throat, and shortness of breath.
Eye Contact Dust may cause irritation.
Skin Contact Dust may cause irritation.
Ingestion Not likely to be toxic, but may cause irritation of the mouth, throat, and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS Registry Number | OSHA PEL | ACGIH TLV | SARA 313 Reportable |
|--|---------------------|----------|-----------|---------------------|
| Fertilizer ingredients as listed on “Derived From” section of the guaranteed analysis on product | Varies | None | None | No |

Agri-Nutrients

Professionals Choice

label (varies by fertilizer grade).

Non-hazardous.

Crystalline Silica (quartz)* 14808-60-7 0.1 mg/m³ 0.1 mg/m³ No

*May be present as a naturally occurring mineral in the fertilizer ingredients used in this formulation. The respirable

portion of crystalline silica in this product is very small, and excessive inhalation is unlikely under normal conditions of use.

Safety Data Sheet

4. FIRST AID MEASURES

Inhalation: Remove affected person to fresh air. Seek immediate medical attention if breathing is difficult.

Eye Contact: Flush with water for 15 minutes. Do not rub eyes. Seek medical attention if irritation persists.

Skin Contact: Wash with soap and water. If irritation develops seek medical attention. Launder clothing before reuse.

Ingestion: Do not induce vomiting. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Conditions of Flammability: Non-flammable

Flash Point (Method): N/A

Auto-Ignition Temperature: N/A

Extinguishing Media: This product is not flammable or combustible. If involved in a fire, use water fog or spray, dry chemical, foam or carbon dioxide extinguishing agents.

Fire Fighting Procedures: Wear self-contained breathing apparatus, approved by NIOSH. Do not wash material into any streams, waterways, drainage ditches, or storm sewers, etc. Impound liquids used in firefighting to prevent entry into streams, ditches, sewers, etc.

Fire & Explosion Hazards: Not flammable or explosive.

6. ACCIDENTAL RELEASE MEASURES

Spill/Leak: Safely stop source of spill. Restrict non-essential personnel from area. All personnel involved in spill clean up should avoid skin and eye contact by wearing appropriate personal protective equipment.

Cleanup: Sweep up spilled solid material, being careful not to create dust. Return sweepings to stock or, if contaminated, place into a chemical waste container for disposal according to local, state, and/or federal regulations.

7. HANDLING AND STORAGE

Store in cool, dry, well-ventilated area away from incompatible substances. Protect from physical damage. Avoid generating dust and the release of dust into the workplace. Refrain from eating, drinking, or smoking in work areas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Applicable Exposure Limits:

Personal Protective Equipment (PPE)

Protective Clothing: The hazard potential of this material is low. Where there is large-scale use of this material and significant potential for worker contact, gloves and long sleeved work clothes or disposable coveralls may be necessary. Eye protection should be worn where dust is generated and there is a potential that eye contact may occur.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Ventilation: Use adequate local or general ventilation where necessary to maintain the concentrations of dust well below the recommended occupational exposure limits for general particulates. Not Otherwise Specified (NOS).

Wear appropriate mask.

Respirators:

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|--------------------------|-------------------|
| Physical State/Appearance/Odor: | Mixture, Granules, Solid | |
| Boiling Point: | N/A | |
| Evaporation Rate (Butyl Acetate=1): | N/A | |
| Melting Point: | N/A | |
| Odor Threshold: | N/A | |
| pH: | N/A | |
| Partition Coefficient (n-octanol/water): | N/A | |
| Pour Point: | N/A | |
| Solubility in water: | N/A | |
| Solubility in other solvents: | N/A | |
| Specific Gravity (H ₂ O = 1) : | N/A | |
| Vapor Density (Air = 1): | N/A | |
| Viscosity: | N/A | |
| Volatiles (% by weight) : | N/A | |
| Other-Decomposition temperature | N/A | |
| Conditions of Flammability: | Nonflammable | |
| Flash Point (Method): | N/A | |
| Upper Flammable Limit (% by volume) | N/A | |
| Lower Flammable Limit (% by volume): | N/A | |
| Auto-Ignition Temperature | N/A | |
| <: less than | >: greater than | = : approximately |

10. STABILITY AND REACTIVITY

No additional information available.

11. TOXICOLOGICAL INFORMATION

Please review individual Safety Data Sheets provided for each product to determine levels of toxicity.

GENERAL: The form in which this material is sold is considered to be relatively non-toxic.

SKIN/EYE: Direct contact may cause local irritation of the eyes and skin, but should not cause tissue damage.

INHALATION: Acute inhalation may result in irritation, but is not expected to cause significant harmful effects. Symptoms may include discomfort, coughing, sneezing, and shortness of breath.

INGESTION: Ingestion of large doses can irritate the stomach, resulting in abdominal pain, nausea, diarrhea, and vomiting.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available on the mixture. Components within the mixture can be damaging to aquatic organisms.

Chemical Fate: The substance is not expected to enter the atmosphere.

Biodegradation: This product is not expected to be readily biodegradable based on structural condition.

13. DISPOSAL CONSIDERATIONS

Waste & Container Disposal: Do not wash down drain. Put uncontaminated material back into process if at all possible. Place contaminated material in suitable, labeled containers for disposal. Dispose of waste material consistent with the requirements of waste disposal authorities.

14. TRANSPORT INFORMATION

| | |
|-----------------------|----------------------|
| Shipping Information: | In accordance to DOT |
| Required Labels: | N/A |

15. REGULATORY INFORMATION

Please review individual Safety Data Sheets provided for each product to determine regulations.

16. OTHER INFORMATION

Prepared by: KMH Agri-Nutrients 5201 Bird Creek Ave Catoosa Ok 74017

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. All information concerning this product and/or all suggestions for handling and use contained herein are offered in good faith and are believed to be reliable as of the date of publication. Agri-Nutrients, however, makes no warranty as to the accuracy of and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. Buyer shall determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes, including mixing with other products. The information contained herein supersedes all previously issued bulletins on the subject matter covered.

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