



## 3-2-1 FERTILIZER WITH HYDRA CHARGE

### SAFETY DATA SHEET

CURRENT AS OF: 6/28/24

#### SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: 10009601, 10009703, 10009705

PRODUCT NAME: 3-2-1 FERTILIZER WITH HYDRA CHARGE

PRODUCT USE: Fertilizer

MFR INFO: The Andersons, Inc.  
PO Box 119  
Maumee, OH 43537

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 893-5050

#### SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOL:



SIGNAL WORD: WARNING

HAZARD STATEMENT: CAUSES EYE IRRITATION.

**HAZARD CLASSIFICATIONS**  
*EYE IRRITATION*

**CATEGORY**  
2B

**INTERPRETATION**  
Causes eye irritation

#### **PRECAUTIONARY STATEMENTS:**

- *WEAR PROTECTIVE GLOVES AND CLOTHING*
- *REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE*
- *AVOID BREATHING DUSTS*
- *IF INHALED: MOVE TO FRESH AIR AND KEEP COMFORTABLE. SEEK MEDICAL ATTENTION IF UNWELL*
- *USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA*
- *CALL POISON CONTROL OR SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL*
- *WASH THOROUGHLY AFTER HANDLING*
- *DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT*
- *IF SWALLOWED: RINSE MOUTH AND SEEK MEDICAL ATTENTION IF UNWELL*
- *IF IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES*
- *IF EYE OR SKIN IRRITATION CONTINUES: SEEK MEDICAL ATTENTION*

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

| <b><u>CHEMICAL IDENTITY</u></b> | <b><u>SYNONYM</u></b> | <b><u>CAS NUMBER</u></b> | <b><u>CONCENTRATION (%)</u></b> |
|---------------------------------|-----------------------|--------------------------|---------------------------------|
| Potassium Sulfate               |                       | 7778-80-5                | 10-20                           |
| Nutri-Pel                       |                       | Mixture                  | 90-100                          |

**SECTION 4: FIRST AID MEASURES**

|                    |  |
|--------------------|--|
| IF INHALED:        | Move to fresh air and keep comfortable, seek medical attention if unwell.  |
| IF ON SKIN:        | Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.                                  |
| IF IN THE EYES:    | Immediately flush with water for 15-20 minutes, remove contact lenses if present and easy to do – continue rinsing. Seek medical attention if irritation persists. |
| IF SWALLOWED:      | Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Seek medical attention if unwell.   |
| SPECIAL TREATMENT: | None known   |
| HEALTH HAZARDS:    | See Section 11   |

**SECTION 5: FIREFIGHTING MEASURES**

|                                  |  |
|----------------------------------|--|
| EXTINGUISHING MEDIA:             | Use media suitable for surrounding fire. No special media required.                            |
| SPECIFIC FIRE HAZARDS:           | When heated to decomposition, this product will emit toxic oxides and sulfides.                |
| SPECIAL FIREFIGHTING PROCEDURES: | Wear full protective clothing and positive-pressure self-contained breathing apparatus (SCBA). |

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

|                             |   |
|-----------------------------|---|
| SPILL / RELEASE PROCEDURES: | Contain material and place in containers for use as intended, or discard according to Federal, State and Local regulations.             |
| ENVIRONMENTAL PRECAUTIONS:  | Prevent spilled material from entering storm drains or water bodies. If material enters a waterway, notify the appropriate authorities. |
| PROTECTIVE EQUIPMENT:       | Wear PPE according to Section 8   |

**SECTION 7: HANDLING AND STORAGE**

Wash hands after handling material. Do not eat, drink or smoke while handling the material. Avoid breathing dusts. Not intended for human consumption. Do not store with food or feedstuffs. Store in a cool, dry, well-ventilated area away from incompatible materials.

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#### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

##### EXPOSURE LIMITS:

The following constituents are the only constituents of the product, which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

| <u>HAZARDOUS COMPONENT</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|----------------------------|-----------------|------------------|
| Dry fertilizer blend       | Not available   | Not available    |

##### PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

|                         |   |
|-------------------------|---|
| RESPIRATORY PROTECTION: | NIOSH approved respirator, if required                            |
| EYE PROTECTION:         | Safety glasses with sideshields, goggles, or faceshield           |
| SKIN PROTECTION:        | Appropriate for the task. Impervious and compatible with material |
| VENTILATION:            | Use with adequate ventilation                                     |

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                        |   |
|------------------------|---|
| APPEARANCE AND ODOR:   | Black and white granules with earthy odor |
| pH:                    | Not applicable                            |
| MELTING POINT:         | Not applicable                            |
| BOILING POINT:         | Not available                             |
| FLASH POINT:           | Not flammable                             |
| EVAPORATION RATE:      | Not available                             |
| FLAMMABLE LIMITS:      | Not applicable                            |
| VAPOR PRESSURE:        | Not available                             |
| VAPOR DENSITY:         | Not available                             |
| SPECIFIC GRAVITY:      | Not available                             |
| SOLUBILITY (IN WATER): | Soluble                                   |
| PARTITION COEFFICIENT: | Not available                             |
| AUTOIGNITION TEMP:     | Not available                             |
| DECOMPOSITION TEMP:    | Not available                             |
| ODOR THRESHOLD:        | Not available                             |
| VISCOSITY:             | Not available                             |

#### SECTION 10: STABILITY AND REACTIVITY

|                                   |                                    |
|-----------------------------------|------------------------------------|
| STABILITY:                        | Product is stable.                 |
| CONDITIONS TO AVOID:              | Heat                               |
| INCOMPATIBILITY:                  | Strong acids, bases, and oxidizers |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Toxic oxides and sulfides.         |

#### SECTION 11: TOXICOLOGICAL INFORMATION

|                  |   |
|------------------|---|
| HEALTH EFFECTS:  | Causes eye irritation.                                  |
| CARCINOGENICITY: | None of the ingredients are known / listed carcinogens. |

##### INGREDIENT TOXICITY RANGES:

|       |                                   |
|-------|-----------------------------------|
| ORAL: | > 3,200 mg/kg (potassium sulfate) |
|-------|-----------------------------------|

**3-2-1 FERTILIZER WITH HYDRA CHARGE****SECTION 12: ECOLOGICAL INFORMATION**

Long-term degradation products may arise. Products of degradation are not expected to be hazardous.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Use product for intended purpose where possible. Dispose of in accordance with all national, regional / state, and local regulations.

**SECTION 14: TRANSPORT INFORMATION**

This product is not regulated as a transportation hazard.

**SECTION 15: REGULATORY INFORMATION****US FEDERAL REGULATIONS**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 304: This material does not contain any components with a section 304 EHS RQ.

SARA 311 / 312: Acute Health Hazard

SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313:

No requirements

CERCLA (RQ): No requirements

| TSCA              |           |                           |                                       |
|-------------------|-----------|---------------------------|---------------------------------------|
| Chemical Name     | CAS No.   | US TSCA Inventory Listing | US TSCA Inactive / Active Designation |
| Potassium Sulfate | 7778-80-5 | Present                   | Active                                |
| Biosolids         | Mixture   | Not Present               | Inactive                              |

**US STATE REGULATIONS**

RIGHT-TO-KNOW: No requirements

CALIFORNIA PROP 65: No requirements

**SECTION 16: OTHER INFORMATION**

|               |              |   |
|---------------|--------------|---|
| NFPA RATINGS: | HEALTH       | 1 |
|               | FLAMMABILITY | 0 |
|               | INSTABILITY  | 0 |
| HMIS RATINGS: | HEALTH       | 1 |
|               | FLAMMABILITY | 0 |
|               | INSTABILITY  | 0 |

**PREPARATION & VERSION INFORMATION**

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