



**THE ANDERSONS
SAFETY DATA SHEET**

DATE PREPARED: 09/02/11

CURRENT AS OF: 4/24/15

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: ASPHUDG40

PRODUCT NAME: Humic DG

PRODUCT USE: Fertilizer

MFR INFO: The Andersons Lawn Products
PO Box 119
Maumee, Ohio, USA 43537

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 891-2957

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS:



WARNING

**MAY BE HARMFUL IF SWALLOWED
MAY CAUSE MILD SKIN IRRITATION
MAY CAUSE EYE IRRITATION
MAY CAUSE RESPIRATORY IRRITATION**

HAZARD CLASSIFICATIONS:

ACUTE TOXICITY

SKIN IRRITATION

EYE IRRITATION

TARGET ORGAN SYSTEMIC TOXICITY

CATEGORY

5

3

2B

3

INTERPRETATION

Low

Mild

Promptly Reversible

Transient Respiratory Irritation Possible

PRECAUTIONARY STATEMENTS:

- *CALL A POISON CENTER / PHYSICIAN IF UNWELL*
- *IF SKIN IRRITATION OCCURS, GET MEDICAL ADVICE*
- *IF IN EYES, RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES – REMOVE CONTACT LENSES*
- *IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE*
- *WASH HANDS AFTER HANDLING*
- *USE ONLY OUTDOORS OR IN WELL VENTILATED AREAS*
- *AVOID BREATHING DUST*
- *IF INHALED, REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING*
- *STORE CONTAINER TIGHTLY CLOSED*
- *DISPOSE OF CONTENTS / CONTAINER IN ACCORDANCE WITH NATIONAL / REGIONAL / LOCAL REGULATIONS*

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| <u>CHEMICAL IDENTITY</u> | <u>SYNONYM</u> | <u>CAS NUMBER</u> | <u>CONCENTRATION (%)</u> |
|--------------------------|----------------|-------------------|--------------------------|
| Humate | | Mixture | 85.9 |
| Calcium lignosulfonate | | 8061-52-7 | 14.0 |

SECTION 4: FIRST AID MEASURES

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|--------------------|---|
| IF INHALED: | Move victim to fresh air. Seek medical attention if irritation persists. |
| 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 at least 20 minutes. Seek medical attention if irritation persists. |
| IF SWALLOWED: | If victim is alert and not convulsing, give one glass of water to dilute material. Seek immediate medical attention. |
| 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: | Decomposition products may be toxic. |
| SPECIAL FIREFIGHTING PROCEDURES: | Wear full protective clothing and positive-pressure self-contained breathing apparatus. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

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|-----------------------------|--|
| SPILL / RELEASE PROCEDURES: | Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly. |
| ENVIRONMENTAL PRECAUTIONS: | Prevent spilled material from entering storm drains or water bodies. |
| PROTECTIVE EQUIPMENT: | See Section 8 |

SECTION 7: HANDLING AND STORAGE

Store in a cool, dry, well ventilated area. Do not store above 120° F.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTIONEXPOSURE LIMITS:

| <u>HAZARDOUS COMPONENT</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|----------------------------|--|--|
| Humate | 15 mg/m ³ (total) 5 mg/m ³ (respirable) | 10 mg/m ³ (inhalable) 3 mg/m ³ (respirable) |

PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

| | |
|-------------------------|---|
| RESPIRATORY PROTECTION: | NIOSH approved particulate respirator, if required |
| EYE PROTECTION: | Safety glasses with sideshields, goggles, or faceshield recommended |
| SKIN PROTECTION: | Long sleeves, cotton gloves recommended |
| VENTILATION: | Local exhaust ventilation recommended |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|------------------------|---|
| APPEARANCE AND ODOR: | Dark red / brown granules, with slight odor |
| pH: | Not available |
| MELTING POINT: | Not available |
| BOILING POINT: | Not applicable |
| FLASH POINT: | Not flammable |
| EVAPORATION RATE: | Not applicable |
| FLAMMABLE LIMITS: | Not applicable |
| VAPOR PRESSURE: | Not applicable |
| VAPOR DENSITY: | Not applicable |
| SPECIFIC GRAVITY: | Not applicable |
| SOLUBILITY (IN WATER): | Partially soluble |
| PARTITION COEFFICIENT: | Not applicable |
| AUTOIGNITION TEMP: | Not applicable |
| DECOMPOSITION TEMP: | Not applicable |

SECTION 10: STABILITY AND REACTIVITY

| | |
|-----------------------------------|-------------------|
| STABILITY: | Product is stable |
| CONDITIONS TO AVOID: | None known |
| INCOMPATIBILITY: | None known |
| HAZARDOUS DECOMPOSITION PRODUCTS: | None known |

SECTION 11: TOXICOLOGICAL INFORMATION

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| HEALTH EFFECTS: | May be irritating to the nose, throat, and respiratory tract. Skin irritation may result. May also be irritating to the eyes. |
| CARCINOGENICITY: | None of the ingredients are known / listed carcinogens. |

INGREDIENT TOXICITY RANGES:

ORAL: > 6,000 mg/kg (humate)

DERMAL: Not available

INHALATION: Not available

SECTION 12: ECOLOGICAL INFORMATION

This product is not known to be ecotoxic, persistent, or have the potential to bioaccumulate.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all national, regional / state, and local regulations. Reuse recovered product where possible.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

SECTION 15: REGULATORY INFORMATION

SARA SECTION 311 / 312 HAZARD CATEGORY: IMMEDIATE HAZARD

SECTION 16: OTHER INFORMATION

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

| | | |
|---------------|-----------------|---|
| HMIS RATINGS: | HEALTH | 1 |
| | FLAMMABILITY | 0 |
| | PHYSICAL HAZARD | 0 |

MSDS ID NO: 481

PREPARED BY: SS

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