



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

ASPHUDG40

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

- 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

- 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

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

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

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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