

THE ANDERSONS SAFETY DATA SHEET

DATE PREPARED: 08/13/20

CURRENT AS OF: 8/13/20

Causes irritation to respiratory tract

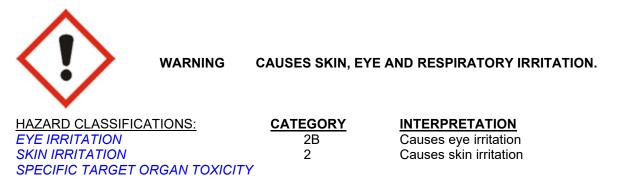
SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

- PRODUCT CODE: ASPHUDGGRN4
- PRODUCT NAME: Humic DG
- PRODUCT USE: Fertilizer
- MFR INFO: The Andersons, Inc. P.O. Box 119 Maumee, OH 43537

FOR EMERGENCY: (800) 757-8951 FOR INFORMATION: (419) 893-5050

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS:



3

PRECAUTIONARY STATEMENTS:

SINGLE EXPOSURE

- 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 IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES
- IF EYE OR SKIN IRRITATION CONTINUES: SEEK MEDICAL ATTENTION

ASPHUDGGRN4 HUMIC DG

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS						
CHEMICAL IDENTITY	SYNC	<u>NYM</u>	CAS NUMBER	CONCENTRATION (%)		
Humic Acid			1415-93-6	70-80		
Calcium Binder			Mixture	1-10		
SECTION 4: FIRST AID ME	ASURES					
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	G MEASURES					
EXTINGUISHING MEDIA:		Use media required.	suitable for surrounding f	fire. No special media		
SPECIFIC FIRE HAZARDS:		When heat oxides and	ted to decomposition, this sulfides.	product will emit toxic		
SPECIAL FIREFIGHTING PROCEDURES:			rotective clothing and pos breathing apparatus (SCE			
SECTION 6: ACCIDENTAL RELEASE MEASURES						
			nd place in containers for al, State and Local regula	use as intended, or discard tions.		
		•	terial from entering storm aterway, notify the approp	drains or water bodies. If priate authorities.		
PROTECTIVE EQUIPMENT: Wear		PPE accordii	ng to Section 8			
SECTION 7: HANDLING AND STORAGE						

SECTION 7: HANDLING AND STORAGE

Avoid creating or accumulating dusts during processing and application. Wash hands after handling material. Do not eat, drink or smoke while handling the material. Avoid breathing dusts. Not intended for human consumption. Store in a cool, dry, well ventilated area away from incompatible materials.

ASPHUDGGRN4 HUMIC DG

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.

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV			
Dry fertilizer blend	Not available	Not available			
PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:					
RESPIRATORY PROTECTION:	NIOSH approved respirator, if r	equired			
EYE PROTECTION:	Safety glasses with sideshields	, goggles, or faceshield			
SKIN PROTECTION:	Appropriate for the task. Imperv	vious and compatible with material			
VENTILATION:	Use with adequate ventilation				

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Granular
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:	~0.673
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, accumulation of dusts

INCOMPATIBILITY: Strong acids, bases and oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: Causes eye, skin and respiratory irritation.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens.

INGREDIENT TOXICITY RANGES: Not available.

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

SARA 311/312:

ACUTE

SECTION 16: OTHER INFORMATION

NFPA RATINGS:	HEALTH FLAMMABILITY INSTABILITY	1 0 0
HMIS RATINGS:	HEALTH FLAMMABILITY INSTABILITY	1 0 0
PREPARED BY:	DBA EHS Consulting	

The information and data contained herein is based upon facts considered to be correct as of the date hereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will The Andersons be responsible for damages of any nature whatsoever resulting from the use or reliance upon this information. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which this information refers.