


Product Identifier – Elite GraN

Section 1:

PRODUCT AND COMPANY INFORMATION	
Company Name and Address Company Phone Number	Cropland Solutions Inc., 9068 51st Ave NW, Edmonton, AB, T6E 5X4 I 587-882-3276
Chemical Emergency	1-587-882-3276
Product Name Product ID	ELITE GRAN 9-4-0 Hydrolyzed feather and porcine meal
Recommended use or restrictions	To be used as a soil amendment. Not Fit For Human Food.

Section 2:

HAZARDS IDENTIFICATION	
GHS CLASSIFICATION	Mild Eye Irritant (Class 2B) Respiratory Irritant Category 3
SIGNAL WORD	Warning
PICTOGRAMS	
HAZARD STATEMENT	Causes Eye Irritation May Cause Respiratory Irritation Not Fit For Human Food
PRECAUTIONARY STATEMENT	Prevention: Avoid Breathing Dust Wash thoroughly after handling
	Response: If in eyes: Rinse continuously with water for several minutes. If exposed or concerned get medical advice or attention.
	Storage: Keep dry
POTENTIAL ENVIRONMENTAL EFFECTS	Disposal: NA
	NA

Section 3:

Composition/Information on Ingredients			
<i>CHEMICAL NAME</i>	<i>COMMON NAME</i>	<i>CAS NUMBER</i>	<i>% BY WEIGHT</i>
Hydrolyzed Feather Meal	Feather Meal	NA	75 %
Hydrolyzed Porcine Meal	Porcine Meal	NA	20 %
Mined Calcium Sulphate	Gypsum		5 %

Section 4:

FIRST AID MEASURES	
<i>EYE CONTACT</i>	Flush eyes with water for at least 15 minutes;
<i>SKIN CONTACT</i>	Wash affected skin with soap and water.
<i>INHALATION</i>	Remove to fresh air. Seek medical attention for breathing difficulties;
<i>INGESTION</i>	Not an expected route of exposure
<i>NOTE TO PHYSICIANS</i>	NA

Section 5:

FIRE FIGHTING MEASURES	
<i>FLAMMABLE PROPERTIES</i>	Non Flammable
<i>SUITABLE EXTINGUISHING MEDIA</i>	Extinguish with water, dry chemical powder or foam.
<i>UNSUITABLE EXTINGUISHING MEDIA</i>	NA
<i>PRODUCTS OF COMBUSTION</i>	Oxides of Carbon
<i>PROTECTION OF FIREFIGHTERS</i>	Wear pressure demand, self-contained breathing apparatus (SCBA), and full protective bunker gear, Avoid inhalation of combustion products.

Section 6:

ACCIDENTAL RELEASE MEASURES	
PERSONAL PROTECTION	Coveralls, gloves, and dust masks may be worn for comfort.
EMERGENCY PROCEDURES	Sweep up spills. Use good housekeeping practices and avoid creating dust during cleanup.
ENVIRONMENTAL PRECAUTIONS	Contain material and prevent entry into waterways
METHODS FOR CONTAINMENT	NA
METHODS FOR CLEAN-UP	Dry cleaning methods are preferred
OTHER INFORMATION	NA

Section 7:

Handling & Storage	
HANDLING	Keep dry; Practice good housekeeping by avoiding dust accumulation on surfaces;
STORAGE	Store at ambient temperatures and under dry conditions
IMCOMPATIBLES	None Known

Section 8:

Exposure Control/Personal Protection			
COMPONENT/CHEMICAL	OSHA PEL (or CEILING)	ACGIH TLV (or STEL)	OTHER – OEL*
Nuisance Dust	15 mg/m3 Total Dust 5 mg/m3 Respirable dust	10 mg/m3 Inhalable dust 3 mg/m3 Respirable dust	NA
ENGINEERING CONTROLS	Provide general or local ventilation to minimize dust levels.		
EYE/FACE PROTECTION	Use safety glasses or goggle in dusty conditions		
SKIN PROTECTION	None required, but coveralls and gloves can be worn for good hygiene.		
RESPIRATORY PROTECTION	Dust masks may be worn for comfort.		
GENERAL HYGIENE CONSIDERATIONS	Hand washing; No eating, drinking and minimize hand to mouth contact.		
*OEL SOURCE	NA		

Section 9:

PHYSICAL AND CHEMICAL PROPERTIES			
COLOR	Light tan to dark brown	PHYSICAL STATE	Granular solid
ODOR	Fresh chicken meal	ODOR THRESHOLD	None Known
pH	NA	MELTING/FREEZING POINT	NA
BOILING POINT & RANGE	Decomposes	EVAPORATION RATE	NA

FLASH POINT	NA	FLAMMABILITY (solid, gas)	NA
UPPER FLAMMABILITY LIMIT	None Known	LOWER FLAMMABILITY LIMIT	NA
VAPOR PRESSURE	NA	VAPOR DENSITY	NA
RELATIVE DENSITY (specific gravity)	None known	SOLUBILITY (water)	Springly Soluble
PARTITION COEFFICIENT	NA	AUTO-IGNITION TEMPERATURE	NA
DECOMPOSITION TEMPERATURE	None known	PERCENT VOLATILE, wt. %	0
VOC CONTENT, wt. %	0	VISCOSITY	NA

Section 10:

STABILITY AND REACTIVITY

REACTIVITY	NA
CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	High temperatures, dust generation and ignition
IMCOMPATIBLE MATERIALS	Oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	None Known
POSSIBILITY OF HAZARDOUS REACTIONS	NA

Section 11:

TOXICOLOGY INFORMATION

ACCUTE EFFECTS

ORAL LD ₅₀	No data available	DERMAL LD ₅₀	No data available
INHALATION	No data available	INHALATION LC ₅₀	No data available
EYE IRRITATION	No data available	SKIN IRRITATION	Not expected to be a skin irritant
SENSITIZATION	Not expected to be a sensitizing agent		

CHRONIC EFFECTS

CARCINOGENICITY	Not Listed
MUTAGENICITY	No data available
REPRODUCTIVE EFFECTS	No data available
DEVELOPMENTAL EFFECTS	No data available
SPECIFIC TARGET ORGAN TOXICITY	No data available
SIGNS AND SYMPTOMS OF EXPOSURE	Mechanical irritation of the skin, eyes and throat may occur from dust.

Section 12:

ECOLOGICAL INFORMATION	
ECOTOXICITY	No data available
PERSISTENCE/DEGRADABILITY	Biodegradable
BIACCUMULATION/ACCUMULATION	Does not bio-accumulate
MOBILITY IN ENVIRONMENT	No data available

Section 13:

DISPOSAL CONSIDERATIONS	
DISPOSAL	Not considered a hazardous material for disposal. Follow the waste disposal requirements for your country, state and local authorities.

Section 14:

TRANSPORTATION INFORMATION	
US DOT (ground/air/water)	NA Not considered a hazardous material for shipping
PROPER SHIPPING DESCRIPTION	Feather and Porcine Meal

Section 15:

OTHER INFORMATION			
NFPA 704: National Fire Protection Association (0=minimal hazard, 1=slight hazard, 2=moderate hazard, 3=severe hazard, 4=extreme hazard)			
HEALTH	FIRE	REACTIVITY	SPECIAL HAZARDS
0	0	0	0

PREPARATION DATE: March 25, 2021

BY: Karthi Narayanan

REVISION DATE: _____

REVISION NOTES:

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