

SAFETY DATA SHEET

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Nous Holdings Inc 535 John Ross Ct Pelzer, SC 29669

I. PHYSICAL DATA

PRODUCT NAME: MICRO-D

CHEMICAL NAME: Soil Amendment

CHEMICAL FAMILY: Animal Manure Treatment

FORMULA: Trade Secret

INFORMATION PHONE: 1 864 705 3653 **EMERGENCY PHONE:** 1 864 705 3653

II. HAZARDOUS IDENTIFICATION

NFPA RATING (SCALE 0-4) HEALTH=0 FLAMMABILITY = 0 REACTIVITY= 0

EMERGENCY OVERVIEW: Do not ingest. Do not inhale dust. Use adequate ventilation

and wash after handling.

GHS CLASSIFICATION:

Acute Toxicity: Cat. 5

Eye Irritation: Cat. 2B

Skin Irritation: N/A

Environmental

Acute Aquatic Toxicity: Not established

Chronic Aquatic Toxicity: Not established

GHS LABEL ELEMENTS: Symbol(s)



Signal Word Caution

Hazard Statements

Not harmful if swallowed in small quantities. May cause mild eye and/or skin irritation.

Precautionary Statements

Wear protective gloves/protective clothing/eye protection/face protection IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or you feel unwell: Call a doctor/physician.

III. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Trade Secret **CAS NUMBER:**

Bacillus Mucilaginosus	N/A	73,000,000 cfu/g
Bacillus Subtilis	N/A	128,000,000 cfu/g
Pseudomonas Fluoresces	N/A	5,000,000,000 cfu/g
Azobacter Chroococcum	N/A	1,000,000,000 cfu/g

IV. FIRST AID MEASURES

EYE CONTACT: Wash eyes with water until powder residue is removed. If irritation

persists, get medical attention.

SKIN CONTACT: Wash affected area with soap and water until powder residue is removed.

INHALATION: Remove exposed person to fresh air.

INGESTION: Do not induce vomiting. Drink plenty of water.

V. FIRE FIGHTING MEASURES

EXTINGUISHING

MEDIA: None required.

SPECIAL FIRE FIGHTING

PROCEDURES: Avoid breathing vapors or dusts. Use self-contained breathing

apparatus with full face piece and protective clothing.

UNUSUAL FIRE AND EXPLOSIVE

VI. ACCIDENTAL RELEASE MEASURES

HAZARDS: None known.

IF MATERIAL IS RELEASED OR SPILLED: Contain spill and transfer to suitable

containers.

Stop leak if you can do it without risk.

Small Spills: Sweep and dispose of in appropriate trash receptacle. **Large Spills:** Sweep and dispose of in appropriate trash receptacle.

VII. HANDLING AND STORAGE

STORAGE: Observe all federal, state and local regulations when storing or disposing of this substance. Keep away from incompatible substances.

Use good engineering practices to establish good ventilation. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment to protect from contact. Wash skin thoroughly after handling. Store in closed containers away from extreme heat, sparks, or open flames. Avoid freezing.

VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSURE GUIDELINES:

SKIN PROTECTION: Wear appropriate protective gloves to prevent direct contact. **EYE PROTECTION:** Wear safety goggles to prevent eye contact with substance.

OTHER PROTECTIVE

EQUIPMENT: Impervious apron if needed to avoid prolonged or repeated skin

contact.

ENGINEERING

CONTROLS: Good general ventilation and/or local exhaust ventilation at the

point of generation is recommended.

PERSONAL PROTECTIVE EQUIPMENT (Pictograms):









IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A Powder Form

VAPOR PRESSURE: Unknown SOLUBILITY IN WATER: Complete EVAPORATION RATE: < 1

SPECIFIC GRAVITY: N/A Not a liquid

PERCENT VOLATILE N/A TESTED PH: 6.5

APPEARANCE: Gray Powder ODOR: Slight Earthy Odor

VAPOR DENSITY: >1

FLASH POINT: Unknown

FLAMMABLE LIMITS: N/A LOWER: N/A UPPER: N/A

X. STABILITY AND REACTIVITY

STABILITY: Stable under normal temperatures and pressures

CONDITIONS TO

AVOID: N/A

INCOMPATIBILITY: None known

lf

HAZARDOUS: None known POLYMERIZATION: Will not occur

XI. TOXICOLOGY INFORMATION

EYE IRRITATION: Information not available.

SKIN IRRITATION: Information not available.

INGESTION: Information not available.

CHRONIC: Induce vomiting and seek medical attention.

XII. ECOLOGICAL INFORMATION

No data available.

XIII. DISPOSAL INFORMATION

WASTE DISPOSAL: Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state and local regulations.

XIV. TRANSPORTATION INFORMATION

Non-Hazardous Substance

XV. REGULATORY INFORMATION

Information not available.

XVI. OTHER INFORMATION

Classification Standards:

NFPA

HEALTH HAZARD

4-Deadly
3- Extreme Danger
2- Hazardous
1-Slightly
Hazardous 0Normal
Material

FIRE HAZARD

Flash
Points 4Below
73°F
3-Below 100°F
2-Above 100°F, Not exceeding 200°F
1-Above 200°F
0-Will not burn

REACTIVITY

4-May
detonate 3Shock and
heat may
detonate
2-Violent chemical
change 1-Unstable
if heated

0-Stable

Table 3.8 Acute Toxicity

Table 0.0 Acute Toxicity						
Acute toxicity	Cat.	Cat. 2	Cat. 3	Cat. 4	Category 5	
Oral (mg/kg)	≤ 5	> 5 ≤ 50	> 50 ≤ 300	≤ 2000		
Dermal (mg/kg)	≤ 50	> 50 ≤ 200	> 200 ≤ 1000	> 1000 ≤ 2000	2000 and 5000 mg/kg;	
Gases (ppm)	≤ 100	> 100 ≤ 500	> 500 ≤ 2500	> 2500 ≤ 5000		
Vapors (mg/l)	≤ 0.5	> 0.5 ≤ 2.0	> 2.0 ≤ 10	> 10 ≤ 20	 Significant clinical signs at class 4;* Indications from other studies.* 	
Dust & mists (mg/I)	≤ 0.05	> 0.05 ≤ 0.5	> 0.5 ≤ 1.0	> 1.0 ≤ 5		
					*If assignment to more hazardous class is not warranted.	

Figure 4.11

ACUTE ORAL TOXICITY - Annex 1					
	Category 1	Category 2	Category 3	Category 4	Category 5
LD50	£ 5 mg/kg	> 5 < 50 mg/kg	³ 50 < 300 mg/kg	³ 300 < 2000 mg/kg	³ 2000 < 5000 mg/kg
Pictogram				(!)	No symbol
Signal word	Danger	Danger	Danger	Warning	Warning
Hazard statement	Fatal if swallowed	Fatal if swallowed	Toxic if swallowed	Harmful if swallowed	May be harmful if swallowed

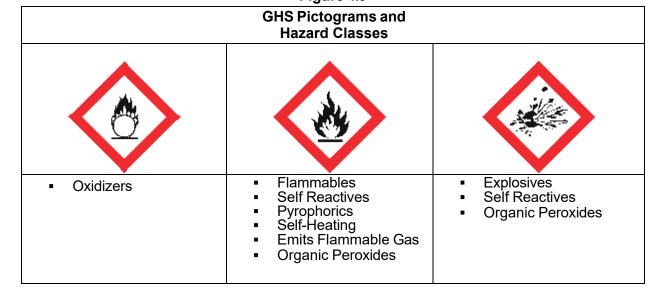
Table 3.9 Skin Corrosion/Irritation

	Skin Corrosion Category 1		Skin Irritation Category 2	Mild Skin Irritation Category 3
Destruction of der at least one anima		ble necrosis in	Reversible adverse effects in dermal	Reversible adverse effects in dermal tissue
Subcategory 1A Exposure < 3 min. Observation < 1hr,	Subcategory 1B Exposure < 1hr. Observation < 14 days	Subcategory 1C Exposure < 4 hrs. Observation < 14 days	tissue Draize score: ≥ 2.3 < 4.0 or persistent inflammation	Draize score: ≥ 1.5 < 2.3

Table 3.10 Eye Effects

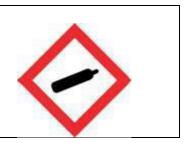
Category 1 Serious eye damage	Category 2 Eye Irritation		
Irreversible damage 21 days after exposure	Reversible adverse e conjunctiva	ffects on cornea, iris,	
Draize score: Corneal opacity ≥ 3 Iritis > 1.5	Draize score: Corneal opacity ≥ 1 Iritis > 1 Redness ≥ 2 Chemosis ≥ 2		
	Irritant Subcategory 2A Reversible in 21 days	Mild Irritant Subcategory 2B Reversible in 7 days	

Figure 4.9





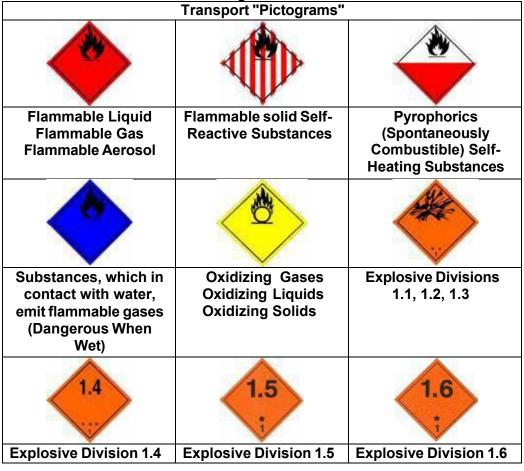


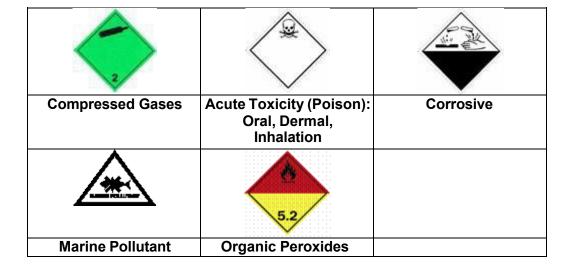


Acute toxicity (severe)	Corrosives	 Gases Under Pressure

 Carcinogen Respiratory Sensitizer Reproductive Toxicity Target Organ Toxicity Mutagenicity Aspiration Toxicity 	 Environmental Toxicity 	 Irritant Dermal Sensitizer Acute toxicity (harmful) Narcotic Effects Respiratory Tract Irritation

Figure 4.10





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