

Cleanwaste®

Safety Data Sheet

Product Name: POO POWDER®

Page 1 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Trade Name: POO POWDER®

1.1.1 Substances

Poo Powder® is a trade secret, the components of which are not regulated as hazardous under OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

Mixtures

Composition of ingredients Proprietary – Catalyst, Proprietary – Deodorizer and Sodium Polyacrylate – CAS #9003-04-7.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:

Poo Powder is used to absorb liquids, encapsulate solids, and neutralize liquid waste.

Uses advised against:

None known

1.3 Details of the supplier of the safety data sheet:

Supplier:

Phillips Environmental Inc. DBA Cleanwaste Inc.
1700 Amsterdam Road
Belgrade, MT 59714
Phone: 406-388-5999
Fax: 406-388-5987
E-Mail : information@cleanwaste.com

1.4 EMERGENCY TELEPHONE NUMBER: 877-520-0999

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Poo Powder® is a trade secret, the components of which are not regulated as hazardous under OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

2.2 Label elements

Not a hazardous substance or mixture

2.3 Other Hazards

None Known

Safety Data Sheet

Product Name: POO POWDER®

Page 2 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

SECTION 3. Composition/information on ingredients

3.1 Substances

3.1.1 Description of the mixture:

Composition of ingredients Proprietary – Catalyst, Proprietary – Deodorizer and Sodium Polyacrylate – CAS #9003-04-7.

SECTION 4: First aid measures

4.1 Description of first aid measures

4.1.1 General information:

Poo Powder® is an off-white, granular, odorless mixture that yields a gel-like material with the addition of fluid. It becomes extremely slippery when wet. The specific chemical identity is made immediately available to a treating physician or nurse in an emergency situation or to the physician, nurse, employee or designated representative under certain non-emergency situations.

4.1.1 Following inhalation:

Supply fresh air; consult doctor in case of complaints. Remove as much as possible from the mouth; if conscious, induce vomiting and rinse mouth thoroughly with plenty of water.

4.1.4 Following skin contact:

Remove dust from skin using soap and water.

4.1.2 Following eye contact:

Immediately flush with plenty of water. Remove particles remaining under the eyelids. Remove contact lenses. Obtain medical attention if irritation persists.

4.1.5 Following ingestion:

Non-toxic by ingestion. However, if adverse symptoms appear, seek medical attention.

4.1.6 Self-protection of the first aider:

None needed

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No known symptoms to date

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

Safety Data Sheet

Product Name: POO POWDER®

Page 3 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

In the event of fire, the following can be released: Carbon Dioxide, Carbon Monoxide.

5.3 Advice for fire-fighters

Firefighters should wear full protective clothing including self-contained breathing apparatus. Do not inhale explosion and / or gasses.

SECTION 6: Accidental release measures required

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment; avoid contact with skin and eyes; prohibit inhalation of dust. Use caution after product contacts water as extremely slippery conditions will result.

6.1 Environmental precautions:

In the event of a spill, do not flush into drains or waterways; product swells in contact with water. Large quantities can cause serious clogs in sewers or drainage systems.

6.2 Methods and material for containment and cleaning up

For containment:

Avoid respirable dust. Do not sweep dry product; pick up mechanically. When possible, vacuum the dry product using a HEPA filter (mandatory when using a vacuum). If no vacuum is available, moisten the product, scoop up and place into an approved disposable container.

For cleaning up:

Use caution after product contacts water as extremely slippery conditions will result. Remove as much product as possible by mechanical means. Residuals maybe flushed with water into the drain for normal wastewater treatment. This is non-hazardous waste suitable for disposal in an approved solid waste landfill.

6.3 Reference to other sections:

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures:

Cleanwaste®

Safety Data Sheet

Product Name: POO POWDER®

Page 4 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

Advice on safe handling:	Handle as eye and respiratory tract irritant. Ensure adequate ventilation.
Hygiene:	Wash hands before breaks and after work. Do not eat, drink or smoke when working. Remove soiled or soaked clothing immediately.
General protective measures:	Do not inhale dust. Avoid contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities

Prevention of fire and explosion:

Avoid forming dust.

Requirements for storage:

Store in a dry, closed container.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Poo Powder® is not regulated as a hazardous material. However, Cleanwaste recognizes the potential for respiratory tract irritation.

8.2 Exposure controls

Appropriate engineering controls:

Provide local exhaust ventilation to maintain worker exposure to less than 0.05 mg/m³ respirable dust over an 8 hour period.

Personal protective equipment:

Obey reasonable safety precautions and practice good housekeeping. Wash thoroughly after handling.

Eye / Face protection: This product is not classified as a hazardous substance. Any necessity for eye protection must be determined within the scope of a risk assessment.

Skin protection: Gloves may be recommended if experiencing skin sensitivity.

Respiratory protection: In case of irritating dust formation, wear a standard dust mask. Wear a respirator with a high efficiency filter if particulate concentration in the work area exceeds 0.05mg/m³ respirable dust over and 8 hour time period.

Safety Data Sheet

Product Name: POO POWDER®

Page 5 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:

Form
Appearance
Odor
Odor Threshold
pH-value
Melting point

Solid

Granular
Off-white granular powder
None
Not determined
Approx .45 (in a 1. g/L in 0.9% NaCl-solution
> 390 °F

Physical state:

Boiling point
Flash point
Evaporation rate
Flammability (solid, gas)
Upper explosive limits
Lower explosive limits
Vapour pressure
Vapour density
Relative density
Solubility(ies)
Partition coefficient :
n-octanol/water
Auto-ignition temperature
Decomposition temperature
Viscosity
Viscosity , dynamic
Viscosity , kinematic

Solid

Not Applicable
Not Applicable
No data available
No data available
Not measured
Not measured
< 15mm Hg (<10 h Pa)
No data available
No data available
Not measured
No data available
Not measured
Above 200 °C
Not applicable
Not applicable

SECTION 10: Stability and reactivity

HMIS Ratings: Health: 1; Fire: 0 Reactivity: 0; Personal

Hazard Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; * = Chronic Hazard; X =

10.1 Reactivity

Stable under normal temperatures and pressures.

10.2 Chemical stability

Poo Powder® is chemically stable under normal and anticipated storage and handling conditions.

Safety Data Sheet

Product Name: POO POWDER®

Page 6 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

10.3 Possibility of hazardous reactions

None known to date.

10.4 Conditions to avoid:

Temperatures above 200 °C

10.5 Incompatible materials:

None known.

10.6 Hazardous decomposition products:

None with proper storage and handling.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

CAS #9003-04-7.	Effect dose / -concentration	Species	Method	Symptoms / delayed effects	Remark
Acute oral toxicity	LD50: >5,000 mg/kg bw	Rat	Limit test		
Acute Toxicity (Inhalation)	No data available				
Acute Toxicity (dermal)	LD 50: > 2,000 mg/kg	Rat	Limit test		
Irritation/corrosion of the skin	No data available	Rabbit	OECD 404	Mild Irritant	
Serious eye damage/ eye irritation	No data available	Rabbit	OECD 405	Mild irritant	
Respiratory/ skin sensitization	No data available	Guinea pig	OECD 406	Non-sensitizing	
Repeated dose toxicity	No data available				
Genotoxicity in vitro	No data available	Mouse	Lymphoma test	Not mutagenic	Not mutagenic in in vivo and in vitro tests

US. National Toxicology Programs (NTP) Report on Carcinogens

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Safety Data Sheet

Product Name: POO POWDER®

Page 7 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

USA. IARC Monographs on Occupational Exposures to Chemical Agents

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

US. ACGIH Threshold Limit Values

ACGIH: No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Reprotoxicity/Fertility	:	Not Applicable
Reprotoxicity/Development/Teratogenicity	:	Not Applicable
Specific Target Organ Toxicity-Single Exposure	:	No data available
Specific Target Organ Toxicity-Repeated Exposure	:	No data available
Aspiration hazard	:	No aspiration toxicity classification
Other information	:	Proper use provided, no adverse health effects have been observed or have come to our knowledge

SECTION 12: Ecological information

12.1 Toxicity:

Aquaticity, fish	:	Species: Leuciscus	Species: Danio rerio
		Exposure duration: 96 h	Exposure duration: 96 h
		LC50: > 5,500 mg/L	LC50: > 4,000 mg/L
		Method: OECD 203	Method: OECD 203
Aquaticity invertebrates	:	No data available	
Aquaticity, algae/aquatic plants	:	No data available	
Toxicity in microorganisms	:	Species: Pseudomonas putida	
		Exposure duration: 24 h	
		EC50: >6,000 mg/L	
Chronic toxicity in fish	:	No data available	

Safety Data Sheet

Product Name: POO POWDER®

Page 8 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

Chronic toxicity in aquatic invertebrates	:	No data available
Toxicity in organisms which live in soil	:	No data available
Ciliate toxicity:	:	<i>Tetrahymenda pyriformis</i> EC50 > 6000 mg/l Method: Erlanger Ciliate Tests (Prof Graf)
Biodegradability:	:	Method: OECD Nr. 302B Practically no degradation.
Physico-chemical removability:	:	The product is easy to eliminate in water-treatment plants due to its insolubility.

12.2 Persistence and degradability

Photodegradation	:	No data available
Biological degradability	:	No data available

12.3 Bioaccumulative potential

Bioaccumulation	:	No data available
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12.4 Mobility in soil

Environmental distribution	:	Immobile in landfills and soil systems (> 90% retention)
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12.5 Results of Persistent, Bioaccumulative and Toxic (PBT) and Very Persistent and Very Bioaccumulative (vPvB) assessment

PBT and vPvB assessment	:	No data available
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12.6 Other adverse effects

General Information	:	The product is considered to be a weak water pollutant.
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12.7 Additional information

Additional information	:	Polyacrylate absorbents are relatively inert in aerobic and anaerobic conditions. They are also compatible with incineration of municipal solid waste. Incidental down-the-drain disposal of small quantities of polyacrylate
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Safety Data Sheet

Product Name: POO POWDER®

Page 9 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

absorbents will not affect the performance of wastewater treatment systems.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	Dispose of in accordance with Local, State, and Federal regulations. This product is a non-hazardous waste material suitable for approved solid waste landfills.
Contaminated packaging	:	If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.
General	:	Destroy the product by incineration if possible or discard in accordance with local, state and federal regulations

SECTION 14: Transport information

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN No.	None	None	None	None
14.2 UN Proper shipping name	None	None	None	None
14.3 Transport hazard class(es)	None	None	None	None
Hazard label(s)	None	None	None	None
14.4 Packing group	None	None	None	None
14.5 Environmental hazards	None	None	None	None

14.6 Special precautions for user

None

Safety Data Sheet

Product Name: POO POWDER®

Page 10 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

SECTION 15: Regulatory information

15. Regulatory information

Canada:

This product has been classified in accordance with the hazard criteria of the controlled Products Regulation and the (M)SDS contains all information required by the Controlled Products Regulation

Canada	:	WHMIS Classification
		Not rated
		This product does not contain components on the WHMIS Ingredient Disclosure List

US Regulations

SARA Title II Section 311/312

Hazard categories

No SARA Hazards

Other regulations

None

State Right to Know	:	SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313 SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302 ZUSPA_RTK: No components subject to "Right-to-know" legislation in the following states: PA ZUSMA_RTK: No components subject to "Right-to-know" legislation in the following states: MA ZUSNJ_RTK: No components subject to "Right-to-know" legislation in the following states: NJ
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Cleanwaste®

Safety Data Sheet

Product Name: POO POWDER®

Page 11 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other harm.

HMIS Ratings : Health: 1
Flammability: 0
Reactivity: 0
Personal Protection: 0

Notification Status

TSCA (USA) : Listed/registered or exempted
DSL (CDN) : Listed/registered or exempted

EU regulations

Authorizations and/or restrictions on use:

Authorizations: No hazardous ingredients are listed
Restrictions on use: None

16. Other Information

Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADNR	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)
ASTM	American Society for Testing and Materials
ATP	Adaptation to Technical Progress
BCF	Bioconcentration Factor
BetrSichV	German Ordinance on Industrial Safety and Health
c.c.	closed cup
CAS	Chemical Abstract Services
CESIO	European Committee of Organic Surfactants and their Intermediates
ChemG	German Chemicals Act
CMR	Carcinogenic-mutagenic-toxic for reproduction
DIN	German Institute for Standardization
DMEL	Derived minimum effect level
DNEL	Derived no effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
EC50	Half maximal effective concentration
GefStoffV	German Ordinance on Hazardous Substances
GGVSEB	German Ordinance for road, rail and inland waterway transportation of dangerous goods
GGVSee	German Ordinance for sea transportation of dangerous goods
GLP	Good Laboratory Practice
GMO	Genetic Modified Organism
IATA	International Air Transport Association

Safety Data Sheet

Product Name: POO POWDER®

Page 12 of 12

Effective date: 6/1/2015

Revision date: 5/10/2016

ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ISO	International Organization for Standardization
LOAEL	Lowest observed adverse effect level
LOEL	Lowest observed effect level
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
o.c.	open cup
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative, toxic
PEC	Predicted effect concentration
PNEC	Predicted no effect concentration
REACH	REACH registration
RID	Convention concerning International Carriage by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substances of Very High Concern
TA	Technical Instructions
TPR	Third Party Representative (Art. 4)
TRGS	Technical Rules for Hazardous Substances
VCI	German Chemical Industry Association
VPvB	Very persistent, very Bioaccumulative
VOC	Volatile Organic Compounds
VwVwS	German Administrative Regulation on the Classification of Substances Hazardous to Water into Water Hazard Classes
WGK	Water Hazard Class
WHO	World Health Organization

SECTION 16: Other information

The information provided in this Safety Data Sheet is, to the best of our knowledge, as accurate as of the date of issue. However, Phillips Environmental Products, Inc. dba Cleanwaste cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability, for its use.