

SAFETY DATA SHEET

PD Plus - The Ultimate Degreaser

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Prepared 20181111
Updated 20190201

	HMIS	NFPA	PPE / Personal Protective Equipment
Reactivity	0	0	
Health	1	1	Breathing Hazard / Dust Particle Size = 25-75 microns
Fire Hazard	0	0	
PPE	E	0	Wear Face Mask to Prevent Dust Inhalation; Wear Eye Goggles

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	PD Plus - The Ultimate Degreaser	Enviro-Tech of America, Inc.
MSDS #:	18220-01	715 NE 19th Place #22
Product code:	18220-01	Cape Coral, FL 33909
Recommended use:	Master Lift Station Degreaser / Reagent	(239) 673-8280
Emergency telephone numbers:	Enviro-Tech (239) 673-8280	info@px700.com www.px700.com

2. HAZARDS IDENTIFICATION

Contains Crystalline Silica

Classification: Specific Target Organ Toxicity - Repeated Exposure Category 1 - Respiratory

Label Elements:

Signal Word: CAUTION



Hazard Statements: H372: May cause damage to lung through long-term inhalation.
Precautionary Statements: P260: Do not breathe dust.
P285: In case of inadequate ventilation wear respiratory protection.
P501: Dispose of contents/containers in accordance with local regulation
SLIPPING / FALL hazard when wet

3. COMPOSITION

	CAS #	EINCS	Weight / %			
Proprietary blend of Alumino-Silicates	Proprietary	Proprietary	80 to 90%			
Quartz - Crystalline Silica	14808-60-7	238-878-4	10 to 15%			
Titanium Dioxide	13463-67-7	136-675-5	1 to 5%			
Water	7732-18-5	215-185-5	1 to 3%			
Naturally Occurring Mineral		LD50 Rat / Rabbit	N/A	LC50 Rat	N/A	
		Toxicological data - assumed to be non-toxic				

4. FIRST AID MEASURES

Eye Contact: Flush immediately with plenty of water.
If irritation persists, get medical attention.

Skin Contact: Flush immediately with plenty of water. If irritation develops, get medical attention.

Inhalation: If breathing is difficult, move to fresh air and assume a comfortable rest position. Use artificial respiration if required.

Ingestion: If swallowed, give a cupful of water or milk. Never induce vomiting.
Never make an unconscious person drink, or induce vomiting.

Symptoms Immediate: Skin irritation. Eye irritation. Respiratory tract irritation

Symptoms delayed: Gastrointestinal effects. Respiratory tract irritation.

5. FIRE-FIGHTING MEASURES

Extinguishing media: N/A Non-flammable / Non-combustible / Non-explosive

Specific hazards: None known.

Unusual hazards: None known

Specific methods: No special methods required.

NFPA 704M Health: 1 Flammable 0 Reactivity 0

6. MANUFACTURER / SUPPLIER:

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Enviro-Tech of America, Inc.

715 NE 19th Place #22

Cape Coral, FL 33909

(239) 673-8280

info@px700.com

www.px700.com

Manufactured in USA

using U.S.-sourced materials

Packaging made in USA

Operated by U.S. Military Veterans



EMERGENCY OVERVIEW

CAUTION. DUST MAY CAUSE EYE and/or LUNG IRRITATION.

7. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use recommended personal protective equipment. Keep unnecessary people away.

Wet material is slippery, and is a slip/fall hazard.

Environmental Precautions; Clean-up methods: None/natural mineral; Remove as CDW DIRT in trailer, bin, or bag.

8. HANDLING AND STORAGE

Handling: Avoid contact with eyes / lungs. FOR COMMERCIAL AND INDUSTRIAL USE ONLY

Avoid Dust Accumulation.

Storage: To keep in powdered state, avoid moisture; store dry / low-humidity. KEEP OUT OF REACH from CHILDREN

9. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures to Reduce Exposure: Ventilate and filter enclosed rooms & spaces to remove dust hazard

Personal Protective Equipment: protect from dust with eye protection (goggles) and lung protection (face mask)

Eye Protection: Wear side-shield safety glasses or chemically resistant goggles

Hand Protection: No special requirements under normal use conditions. Gloves recommended

Skin and Body Protection: No special requirements under normal use conditions. Wear long sleeves; long pants.

Respiratory Protection: Wear Face Mask

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice

Hazardous Ingredient	Weight % (Approx.)	CAS #	OSHA PEL*	ACGIH TLV*
Alumino-silicates	80% - 90%	Proprietary	15 mg/m3 (Total Dust Dust) 5 mg/m3 (Respirable Fraction)	2 mg/m3 (Respirable Fraction)
Quartz / Silica	10% - 15%	14808-16-7	0.1mg/m3 (Respirable Fraction)	0.025 mg/m3 (Respirable Fraction)
Titanium Dioxide	1%-5%	13463-67-7	15 mg/m3 (Total Dust)	10 mg/m3 (Total Dust)

10. PHYSICAL AND CHEMICAL PROPERTIES

Physical State / Appearance: Solid (powder). Light grey to brown.

Dilution pH: 6 to 8

Specific Gravity: 2.6 (water = 1)

Melting Point/Range: >1500C

Molecular Weight: 258.2 g/mole

Density: 8.45 lbs/gal

Boiling Point / Range: Not Applicable

Decomposition Temperature: Loses crystalline water at 500C (930F)

VOC: Not Applicable

Odor / Taste: Earthy odor.

Autoignition Temperature: Not Applicable. Does not ignite.

Polymerization: Hazardous polymerization does not occur

Corrosiveness: Non-corrosive in presence of glass

Vapor Density: Not Applicable

Flash Point: Not Applicable

Partition Coefficient (n-octanol/water): Not Applicable

Solubility: Insoluble in cold or hot water, solvents, alcohols

Viscosity: Not Applicable

11. STABILITY AND REACTIVITY

Product Stability	The product is stable
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous Decomposition Products:	When exposed to high temperatures, free quartz can change crystal structure to form tridymite (>870C) or cristobalite (>470C) that have greater health hazards than quartz.
Tidymite and cristobalite (TWA-TLV)	=0.025 mg/m3.)

12. TOXICOLOGICAL INFORMATION

Acute Toxicity:	None known
Component Information:	See Section 3
Chronic Human Toxicity:	Prolonged exposure may affect the stomach and respiratory system
Toxicity to Animals:	
Quartz - Crystalline Silica (14808-60-7)	Oral LD50 Rat 500 mg/kg
Titanium dioxide (13463-67-7)	Oral LD50 >10000 mg/kg
Water (7732-18-5)	Oral LD50 Rat >90 mL/kg
Carcinogenic Effects:	
Kaolin - CAS N° 1332-58-7	ACGIH: A4 - Not Classifiable as a Human Carcinogen
Quartz - Crystalline Silica - CAS N° 14808-60-7	ACGIH: A2 - Suspected Human Carcinogen IARC: Group 1 - Carcinogenic to humans
Titanium dioxide - CAS N° 13463-67-7	ACGIH: A4 - Not Classifiable as a Human Carcinogen IARC: Group 2B - Possibly carcinogenic to humans
Mutagenic Effects:	None known
Reproductive Toxicity:	None known
Target Organ Effects:	Target organs include respiratory system, gastrointestinal tract.
Specific Organ Toxicity - Repeated Exposure:	Causes damage to respiratory system, and gastrointestinal tract through prolonged exposure.

13. ECOLOGICAL INFORMATION

Environmental Information: No data available. The product itself is a naturally occurring mineral.

Biodegradation: The product itself is not toxic.

14. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Dispose according to all applicable federal, state, and local regulations

14. TRANSPORT INFORMATION

EPA Waste Number:	Not regulated.
DOT Classification:	Not regulated.
IMO Classification:	Not regulated.
Internal UN:	Not regulated.
IMDG Code:	IMDG Code: This product is not considered to be a marine pollutant.

15. REGULATORY INFORMATION

SARA Title III Section 302 Extremely Hazardous Substances: This product does not contain extremely hazardous material subject to reporting requirements of Section 302, Title III, Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 355.

SARA Title III Section 311 and 312 Health and Physical Hazard Categories per 40 CFR 370.2:

Immediate	Delayed	Fire	Pressure	Reactivity
Yes	Yes	No	No	No

SARA Section 313 Notification: This product does not contain toxic chemicals subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TSCA: Product is listed in Initial Inventory, Vol. 1, Appendix A

CERCLA: Not a CERCLA listed hazardous substance.

California Proposition 65: WARNING: This product may also contain extremely small amounts of one or more naturally-occurring materials known to State of California to cause cancer, birth defects or other reproductive harm.

NJ Special Health Hazardous Substances List [4]: RTK Hazardous Substance List; Substance No. 4016.

PA Special Hazardous Substances List: Regulated under PA Code Chapter 323.

Stockholm Convention: This product is not subject to the Stockholm Convention.
Montreal Protocol: This product is not subject to the Montreal Protocol.
Rotterdam Convention: This product is not subject to the Rotterdam Convention.
National Inventories:

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DSL (Canada):	Listed
NDSL (Canada):	Not Listed
PICCS (Philippines):	Listed
KECI (Korea):	Listed
ENCS (MITI) (Japan):	Listed
AICS (Australia):	Listed
IECSC (China):	Listed
EINECS (Europe):	Listed

REACH Status: Exempt (Annex v.7). Product is a naturally occurring mineral.

16. OTHER INFORMATION

Reason for revision: Not applicable

Additional advice: None

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