



Delivering Excellence

MATERIAL SAFETY DATA SHEET
PolyGuard - Controlled Drug Destruction Kit Powder

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Revision date: 06/02/2018

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: PolyGuard – Controlled Drug Destruction Kit Powder
Type of product: Mixture

Recommended use: CD Absorbent Powder is used in the denaturing of controlled drugs

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixtures

Not Classified

2.2 Label elements

Hazard pictogram	None
Signal Word	None
Hazard statements	None
Precautionary statements	None
Additional elements	None

2.3 Other Hazards

The product swells in water. The product when wet renders surfaces extremely Slippery

PBT and vPvB assessment:

Does not fill the criteria according to Annex XIII of REACH

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3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable, this product is not a substance

3.2 Mixtures

Hazardous components – Contains no reportable hazardous substance.

4. FIRST AID MEASURES

4.1 – Description of first aid measures

Inhalation: Move to fresh air. No hazards which require special first aid measures

Skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists

Eye contact: Rinse immediately with plenty of water, also under eye lids, for at least 15 minutes. In case of persistent eye irritation, consult a physician

Ingestion: Rinse mouth with water. Do NOT induce vomiting. Get medical attention

4.2. Most important symptoms and effects, both acute and delayed

None

4.3. Indication of any immediate medical attention and special treatment needed

None

Other information – product swells in water

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media:

Unsuitable extinguishing media

None

5.2. Special Hazards arising from the substance mixture

Hazardous decomposition products: Thermal decomposition may produce nitrogen oxides, carbon oxides. Hydrogen cyanide maybe produced in the event of combustion in an oxygen deficient atmosphere

5.3 Advise for fire-fighters

Protective measures – in the event of fire, wear self-contained breathing apparatus

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Product swells in water. The product when wet renders surfaces extremely slippery

Protective equipment – Wear adequate personal protective equipment (see section 8 exposure controls/personal protection)

Emergency precautions – keep people away from spills

6.2 Environmental precautions

As with all chemical products, do not flush into surface water

6.3 Methods and material for containment and cleaning up

Spills – DO NOT flush with water. Clean up promptly by sweeping up or vacuum.

Keep in suitable closed containers for disposal. After cleaning flush away traces with water

6.4 References to other sections

Section 7 : Handling and storage: Section 8: Exposure controls/personal protection :

Section 9 Physical and chemical properties: Section 13 Disposal considerations.

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7. HANDLING AND STORAGE

7.1 – Precautions for safe handling

No special precautions required

7.2 – Conditions for safe storage

Keep in a dry place. Keep container closed when not in use. Incompatible with strong acids and oxidising agents

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 - Control parameters

National occupational exposure limits

None

Derived No and minimum effect levels

None Known

Predicted no-effect concentrations

None Known

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8.2 Exposure controls:

Use local exhaust if dusting occurs. Natural ventilation is adequate in absence of dust

Eye/face protection – Safety glasses with side shields

Skin Protection – work clothes protecting arms, legs and body

Hand Protection – PVC or other plastic material gloves

Respiratory protection – No personal respiratory equipment normally required. Dust masks recommended where working powder concentration is higher than 10mg/m³

Additional advise – handle in accordance with good industrial hygiene and safety Practises

Environmental exposure controls – Do not allow uncontrolled discharge of product into the environment. Do not flush into surface water

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Granular solid. Off white and black particels
Odour:	None
PH	5-8 @5g/l
Melting point/freezing point	>150C
Relative density	0.6-0.9
Vapour pressure:	Not available
Solubility:	Insoluble in water
Partition coefficient	-2
Auto ignition temperature	>150C

10. STABILITY AND REACTIVITY

10.1 – Reactivity – Not known

10.2 – Chemcial stability – Stable under normal conditions

10.3 – Possibility or hazardous reactions – Oxidising may cause exothermic reactions

10.4 – Conditions to avoid – None Known

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10.5 – Incompatible materials – Incompatible with strong acids and oxidising agents

10.6 – Hazardous decomposition products – Thermal decomposition may produce: nitrogen oxides, carbon oxides, Hydrogen cyanide.

11. TOXICOLOGICAL INFORMATION/ FIRST AID PROCEDURE

11.1 – Toxicological effects

Acute oral toxicity – LD50/oral/rat>5000 mg/kg

Acute dermal toxicity – LD50/dermal/rat >5000 mg/kg

Acute inhalation toxicity – The product is not expected to be toxic by inhalation

Skin irritation – Not irritating

Serious eye damage/irritation – Not irritating

Respiratory skin sensitisation – Not irritating

Mutagenicity – Not mutagenic

Carcinogenicity – Not Carcinogenic

12. ECOLOGICAL INFORMATION

12.1 –Toxicity

Acute toxicity to fish – LC50/Danio rerio96 hours >100mg/l (OECD203)

Acute toxicity to invertebrates – EC50/Daphina magna/48 hours >100mg/l (OECD 202)

Acute toxicity to alga – IC50/Scenndesmus subspucatus/72 hours >100mg/l (OECD 201)

12.2 – Persistence and degradability

Degradation – Not readily biodegradable

Hydrolysis – Does not hydrolyse

Photolysis – No date available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

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Dispose of in accordance with local and national regulations. Can be landfilled or Incinerated, when in compliance with local regulations.
Contaminated packaging can be disposed of in accordance with local regulations Can be landfilled or incinerated, when in compliance with local regulations.

14. TRANSPORT INFORMATION

Land transport (ADR/RID) – Not classified
Sea transport (IMDG) – Not classified
Air Transport (IATA) – Not classified

15. REGULATORY INFORMATION

15.1 – Safety, health and environmental regulations/legislation specific for the substance or mixture

All components of this product have been registered or pre-registered with the European chemicals agency or are exempt from registration

15.2 – Chemical safety assessment

A chemical safety assessment for this product has been carried out by the person responsible for producing this safety data sheet. All relevant information used to conduct this assessment are included in this safety data sheet as well any resulting risk reduction measures

16. OTHER INFORMATION

This MSDS sheet as prepared in accordance with the following

Regulation (EU) No. 2015/830

Regulation (EU) No. 1271/2008

Regulation (EU) No. 1907/2006

All information contained in this Material Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or

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implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.

This information given is based on our knowledge of the product at the time of publication.

The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. **END OF MSDS.**