

safer *denature*

**CONTROLLED DRUG  
DESTRUCTION KIT**

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Material Safety  
Data Sheet

Version 3.0 / Updated 19.01.2017

According to EC Regulations No. 453/2010 (REACH), 1272/2008 (CLP) & 453/2010

safer options 

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According to EC Regulations No. 453/2010 (REACH), 1272/2008 (CLP) &amp; 453/2010

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****1.1 Product Identifier**

Product name:	<b>CONTROLLED DRUG DESTRUCTION KIT</b>
Chemical name:	Not applicable
CAS No.	Not applicable to mixtures
EC No.	Not applicable to mixtures
REACH Registration No.	Not applicable (note: Polymers not included)

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

Identified use(s)	DENATURING OF PRESCRIPTION DRUGS
Uses advised against	NOT SUITABLE FOR ANY OTHER PURPOSES

**1.3 Details of supplier of safety data sheet**

Company identification:	Safer Options Ltd Unit 44, Hartlebury Industrial Estate Nr Kidderminster, Worcestershire DY10 4JB
Telephone	+44 (0) 1299 667600 (office hours only)
E-mai	info@saferoptions.co.uk

**1.4 Emergency telephone number**

Emergency Phone No.	+44 (0) 7932 605835 (GMT English spoken, Mon-Fri – 08:00-17:00)
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**2. HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

<b>2.1.1 Regulation (EC) No. 1272/2008 [EU-GHS/CLP]</b>	Physical – Not classified Human health – Must not be ingested Human health – May cause respiratory irritation Environment – Not classified
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**2.2 Label elements****Labelling according to Regulation (EC) No. 1272/2008 (CLP)**

Hazard pictograms	NOT APPLICABLE	
Signal word(s)	NONE	
Hazard statements	H302	Harmful if swallowed
	H335	May cause respiratory irritation
Precautionary statements	P234	Keep in original container
	P260	Do not breath dust/mist/spray

**2.3 Other Hazards****Any dust generated will give an EXTREMELY BITTER TASTE TO LIPS**

According to EC Regulations No. 453/2010 (REACH), 1272/2008 (CLP) & 453/2010

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 Substances** not applicable
- 3.2 Mixtures Components** 99% + Sodium Polyacrylate CAS No. 9003-04-7  
Reach Registration not applicable to polymers  
>1% colourant, biocide & bitter taste additive (Trade Secret of Safer Options Limited)

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### General advice

Consult a physician. Show this safety data sheet to doctor in attendance.

##### If inhaled

Move person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

##### If swallowed

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues. Do not induce vomiting. Never give anything by mouth to an unconscious person.

##### In case of skin contact

Remove contaminated clothing. Wash the skin immediately with soap and water. Consult a physician.

##### In case of eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

**Ingestion:** Extremely bitter additive may induce vomiting: Acute.

**Inhalation:** Bitter additive in dust, even in small amounts may irritate respiratory system.

**Skin contact:** Wash off immediately with soap and water.

**Eye contact:** Wash with plenty of water.

#### 4.3 Indication of any immediate medical attention and special treatments needed

If in the unlikely event product is ingested GET MEDICAL ATTENTION

### 5. FIRE FIGHTING MEASURES

#### 5.1 Extinguishing Media

This product is not flammable. Use fire extinguisher appropriate to surrounding materials.

#### 5.2 Special hazards arising from the substance or mixture

Carbon Monoxide (CO) Carbon Dioxide (CO<sub>2</sub>)

#### 5.3 Advice for firefighters

Self-contained breathing apparatus and full protective clothing must be worn.

#### PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

According to EC Regulations No. 453/2010 (REACH), 1272/2008 (CLP) & 453/2010

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment (PPE). Avoid spilling, skin and eye contact. Avoid handling which leads to dust generation and ensure adequate ventilation.

### 6.2 Environmental precautions

Do not discharge onto ground or into water courses.

### 6.3 Methods and material for containment and cleaning up

Pick up and arrange disposal without creating dust cloud. Shovel or vacuum up. Keep in suitable container for disposal.

### 6.4 Reference to other sections

Wear suitable protective clothing as described in section 8.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and keep in original container. Keep dry.

### 7.3 Specific end uses

Will absorb 10x its own weight in water and render drugs placed within it totally unpalatable.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

<b>DNEL</b>	Consumer, long term	Dermal	0.74mg/kg/day
		Inhalation	1.55mg/m <sup>3</sup>
		Oral	0.74mg/kg/day

### 8.2 Exposure controls

Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the day.

**DO NOT SMOKE IN WORK AREA.**

#### Personal protective equipment

Eyes/face Use approved safety glasses

Skin Use protective gloves that satisfy EU directive 89/686/EEC

Respiratory If LEV is sufficient, suitable respiratory protection must be provided.

According to EC Regulations No. 453/2010 (REACH), 1272/2008 (CLP) &amp; 453/2010

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic chemical and physical properties

a) Appearance	Green/granular
b) Odor	Slightly bitter
c) Solubility	<b>Total – Product will absorb 10X plus its own weight in water.</b>
d) Melting/boiling	No information
e) Explosive properties	Non-explosive
f) Oxidising properties	Non-oxidiser

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	Reacts with strong oxidising agents and water
10.2 Chemical stability	Stable in DRY ambient conditions
10.3 Possibly hazardous reactions	No information available
10.4 Conditions to avoid	Strong oxidising agents and water
10.5 Conditions to avoid	Damp conditions
10.6 Hazardous decomposition	No information available

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

a) Acute toxicity	LD50 (oral, rat) >5000mg/kg <b>however, bitter taste may prevent ingestion.</b>
b) Irritation	Dust in high concentration may irritate respiratory system, the skin and eyes.
c) Corrosively	No information available
d) Sensitisation	No information available
e) Repeated dose toxicity	No information available
f) Carcinogenicity	No carcinogenic effects reported
g) Mutagenicity	No mutagenic effects reported
h) Toxic for reproduction	No teratogenic effects reported

## 12. ECOLOGICAL INFORMATION

12.1 EcoToxicity	Not regarded as dangerous to the environment.
12.2 Persistence and degradability	This product is easily biodegradable.
12.3 Bio accumulative potential	Does not bio accumulate.
12.4 Mobility in soil	n/a, product readily absorbs water.
12.5 PBT and vPvB assessment	No information available
12.6 Other adverse effects	No information available.

According to EC Regulations No. 453/2010 (REACH), 1272/2008 (CLP) &amp; 453/2010

**13. DISPOSAL CONSIDERATIONS****13.1 Waste disposal methods**

<b>Product</b>	Can be disposed of as solid waste
<b>Contaminated packaging</b>	Un-cleaned packaging, dispose of in accordance with local authority requirements. Do not re-use.

**14. TRANSPORT INFORMATION**

<b>14.1 UN Number</b>	See section 14.2
<b>14.2 UN Proper shipping name</b>	<b>Not dangerous according to transport regulations - Not classified</b>
<b>14.3 Transport hazard class</b>	See section 14.2
<b>14.4 Packaging group</b>	See section 14.2
<b>14.5 Environmental hazards</b>	See section 14.2
<b>14.6 Special precautions for user</b>	See section 14.2

**15. REGULATORY INFORMATION**

**This data sheet complies with the requirements of (EC) No. 453/2010**

<b>15.1 Safety health and environmental regulations/legislation specific to substance/mixture</b>	this mixture has no labelling requirements
<b>15.2 Chemical safety assessment</b>	No information available

**16. OTHER INFORMATION**

See product label for any other information

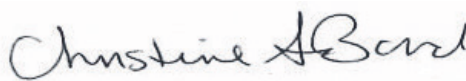
This data sheet has been compiled in accordance with CLP regulations 1272/2008

Legal disclaimer Use of this product for applications other than those stated may give rise to hazards not mentioned in these sheets.

Version 2 was revised to comply with REACH 453/2010 and CLP 1272/2008

ISSUED BY	Safer Options Ltd
COMPILATION DATE	19th January 2017
AUTHOR	Martyn Peters
APPROVAL	Christine Bond
DATE	19th January 2017

SIGNATURE



To place an order & for all enquiries about this product please contact our UK Head Office:

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