



## SAFETY DATA SHEET

### Barclay Kerb Granules

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

PRODUCT NAME	Barclay Kerb Granules		
APPLICATION	Agricultural Herbicide		
SUPPLIER	Barclay Chemicals Manufacturing Ltd, Damastown Way Damastown Industrial Estate Mulhuddart Dublin 15 Ireland Tel: 00-353-1-8112900 Tel: 00-353-863857769 (Emergency) Fax: 00-353-1-8224678 email: info@barclay.ie	MANUFACTURER	Barclay Chemicals Manufacturing Ltd, Damastown Way Damastown Industrial Estate Mulhuddart Dublin 15 Ireland Tel: 00-353-1-8112900 Tel: 00-353-863857769 (Emergency) Fax: 00-353-1-8224678 email: info@barclay.ie

#### 2 HAZARDS IDENTIFICATION

Limited evidence of a carcinogenic effect. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Carc. Cat. 3;R40. N;R51/53.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
Propyzamide Technical	245-951-4	23950-58-5	1-5%	Carc. Cat. 3;R40 N;R50/53

The Full Text for all R-Phrases are Displayed in Section 16

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

Do not induce vomiting if patient is unconscious or is having convulsions

##### INHALATION

Move injured person to fresh air and seek medical advice

##### INGESTION

Do not induce vomiting. Do not give emetics Take patient to a hospital having an Accident and Emergency Department immediately. Inform the hospital of the product involved and where possible show the product label. If the patient's breathing weakens/stops apply assisted breathing/artificial respiration immediately.

##### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water.

##### EYE CONTACT

Important! Immediately rinse with water for at least 15 minutes. Get medical attention immediately. Continue to rinse.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Extinguish with dry inert powder, foam, carbon dioxide or water-spray

##### PROTECTIVE MEASURES IN FIRE

Wear suitable protective clothing and self-contained breathing apparatus

#### 6 ACCIDENTAL RELEASE MEASURES

##### PERSONAL PRECAUTIONS

Wear full breathing apparatus, chemical resistant rubber gloves, coated overall, PVC or rubber wellingtons and goggles.

# Barclay Kerb Granules

## ENVIRONMENTAL PRECAUTIONS

Contain spillage as the situation allows. Do not flush with water. Particular care should be taken to prevent contamination of water (ditches, drains, ponds etc.).

## SPILL CLEAN UP METHODS

Sweep into suitable container and store in a safe place until disposal. For large spills, barricade area and consult manufacturer. If further assistance is required, telephone the emergency contact number.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices. Avoid inhalation of dust.

### STORAGE PRECAUTIONS

Store in a cool, dry, well ventilated place, in the original container. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT



### HAND PROTECTION

PVC or rubber gloves are recommended.

### EYE PROTECTION

Wear goggles/face shield.

### OTHER PROTECTION

Wear dust masks in dusty areas.

### HYGIENE MEASURES

When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Light Brown free flowing Granules
ODOUR	Characteristic
BULK DENSITY	0.7 kg/m <sup>3</sup>

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal storage conditions

### CONDITIONS TO AVOID

Avoid extreme temperatures

### MATERIALS TO AVOID

None under normal conditions of use

### HAZARDOUS DECOMPOSITION PRODUCTS

Hydrogen chloride (HCl). May be evolved in a fire

## 11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 <5000 mg/kg (oral rat)

### SKIN CONTACT

Not a skin sensitiser.

### EYE CONTACT

Non irritating to skin or eyes

## 12 ECOLOGICAL INFORMATION

LC 50, 96 Hrs, FISH mg/l 1mg/l <LC50< 10mg/l

# Barclay Kerb Granules

## DEGRADABILITY

Half-life in soils is dependant on soil type and conditions, and is approximately 30 days

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Bury in approved landfill, or via an approved disposal contractor.

## 14 TRANSPORT INFORMATION



UK ROAD CLASS	9		
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains 4% Propyzamide)		
UN NO. ROAD	3077	UK ROAD PACK GR.	III
ADR CLASS NO.	9	ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III	TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	90	ADR LABEL NO.	9
HAZCHEM CODE	2Z	CEFIC TEC(R) NO.	90GM7-III
RID CLASS NO.	9	RID PACK GROUP	III
UN NO. SEA	3077	IMDG CLASS	9
IMDG PACK GR.	III	EMS	F-A, S-F
UN NO. AIR	3077	AIR CLASS	9
AIR PACK GR.	III		

## 15 REGULATORY INFORMATION

### LABELLING



Harmful



Dangerous for the environment

### CONTAINS

Propyzamide Technical

### RISK PHRASES

R40	Limited evidence of a carcinogenic effect.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### SAFETY PHRASES

S36/37	Wear suitable protective clothing and gloves.
S57	Use appropriate containment to avoid environmental contamination.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

## 16 OTHER INFORMATION

### REVISION COMMENTS

This is first issue.

DATE 18 November 2009

### RISK PHRASES IN FULL

R40	Limited evidence of a carcinogenic effect.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.