

# SAFETY DATA SHEET

## Expanding Creature

Issue Date: 16 February 2019

SDS# 1700-4

### IDENTIFICATION OF MATERIAL & SUPPLIER

Product Name	Expanding Creatures
Chemical Family	Crosslinked sodium polyacrylate & polyacrylonitrile
Emergency Telephone	+61 (0)405705009 or Poison Information 13 11 26
Company	EduScience Pty Ltd ABN 20167720470 111 Forsyth Road, Truganina VIC 3029 Australia
Other names	Super water absorber / Grow beasts

### HAZARDS IDENTIFICATION

Hazard	Non hazardous substance
Classification	Non-dangerous goods
Product conforms to	Toy Safety Standard, EN71

### COMPOSITION / INFORMATION ON INGREDIENTS

The exact chemical ratios of the creatures are proprietary information but the following components are present:

Name	CAS	Proportion
Starch	9005-25-8	~ 3%
Polyacrylonitrile	25014-41-9	~ 90%
Glycerin or	56-81-5	~ 7%
Ethylene glycol	107-21-1	

### FIRST AID

Skin irritation	Wash with warm soapy water
Eye contact	No irritation expected but flush with water
Inhalation	No adverse health hazard risk
Ingestion	See physician immediately. Salt water intake may reverse osmotic process and break down gel structure

### FIRE FIGHTING MEASURES

Flash Point	N/A
LEL	N/A
EUL	N/A
Extinguishing Media	Use water, carbon dioxide, foam
Special precautions	Material is slippery when wet
Special Protective Equipment	None

### ACCIDENTAL RELEASE

Sweep up spill and dispose. Spilled material can be slippery when wet.

## HANDLING AND STORAGE

Storage	Store in a cool dry location
Handling	No specific

## PERSONAL PROTECTION

Respiratory Protection	No special protection required
Protective Gloves	No special protection required
Eye Protection	No special protection required
Skin/Body Protection	No special protection required
Other	Wash hands after handling of creature

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour	Creatures shaped as lizards or crocodile
Odor	None
pH	N/A
Melting Point	N/A
Flash Point	N/A
Vapor Density	N/A
Auto ignition	N/A

## STABILITY

Stability	Stable
Polymerisation	Will not occur
Conditions to avoid	N/A
Incompatible Material	Strong oxidising agents

## TOXICOLOGICAL INFORMATION

Inhalation	Non toxic by inhalation
Dermal	Non toxic
Oral	Low LD50 Acute oral on rats > 5.0 g/kg

## IRRITATION

Eyes	Non irritating
Skin	Non irritating
Product does not contain any NOHSC classified hazardous components	

## ECOLOGICAL

Considered non toxic to the aquatic environment

## DISPOSAL

Dispose expanded toy in waste bin destined for land fill

## REGULATORY

Poisons Schedule	Not regulated
Hazard Category	Non hazardous / Not a hazardous waste

IMPORTANT ADVICE: This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact EduScience / Prof Bunsen Science at contact numbers above.

End of SDS