



SAFETY DATA SHEET

According to US Standard ANSI Z400.1-2004

Print date: 28-Jun-2011

1. PRODUCT AND COMPANY IDENTIFICATION

SDS Number: D0313890

Commercial Product Name: Rid-X Septic System Treatment Septi-Pacs

Validation/Revision Date 28-Jun-2011

Formula Number: 1610-107 (0310474)

UPC Code(s) and Size: Size: 30 gm Gelpac

Recommended use Septic system treatment and drain maintainer containing bacteria and enzymes.

Manufacturer: Reckitt Benckiser LLC.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225
Telephone: +1 973 404 2600

Distributor: Reckitt Benckiser LLC.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225
Telephone: +1 973 404 2600

Emergency Telephone Number: 1-800-228-4722 (U.S)

Transportation Emergencies: 1-800-424-9300 (U.S. & Canada) CHEMTREC
Outside U.S. and Canada (North America), call Chemtrec:703-527-3887

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2. HAZARDS IDENTIFICATION
Emergency Overview

- CAUTION!
May cause skin and eye irritation

KEEP OUT OF REACH OF CHILDREN
contains: Enzymes

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Proportion (% w/w)	ACGIH - Occupational Exposure Limits - TWAs	OSHA PEL
CI 77004 Kaolin 1332-58-7	1 - 5 %	= 2 mg/m ³ TWA respirable fraction, particulate matter containing no asbestos and <1% crystalline silica 1 322 1 Kaolin	TWA: 10 mg/m ³ TWA: 5 mg/m ³ TWA: 15 mg/m ³
Cellulose 9004-34-6	1 - 5 %	= 10 mg/m ³ TWA 1 322 1 Cellulose	TWA: 15 mg/m ³ TWA: 5 mg/m ³
Viable Bacteria Cultures N/A	1 - 5 %		
Dioxotitanium 13463-67-7	0.1 - 1 %	= 10 mg/m ³ TWA 1 322 1 Titanium dioxide	TWA: 10 mg/m ³ TWA: 15 mg/m ³
Protease 9014-01-1	0.1 - 1 %	0.00006 mg/m ³ Ceiling	0.00006 mg/m ³ STEL

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4. FIRST AID MEASURES

Inhalation	Move to fresh air.
Skin Contact	If on skin, wash with plenty of soap and water. If irritation persists get immediate medical attention.
Eye Contact	If in eyes, IMMEDIATELY rinse eyes with water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. If irritation persists, get medical attention.
Ingestion	Drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician or Poison Control Centre immediately.
Notes to Physician	Treat symptomatically
Protection of First-aiders	Use personal protective equipment.
Aggravated Medical Conditions:	No information available.

5. FIRE-FIGHTING MEASURES

Flash point:	>93.3°C / >200°F
Suitable Extinguishing Media:	As suitable for surrounding fire.
Unsuitable Extinguishing media:	No information available
Specific Hazards Arising from the Chemical:	See Section 2 for Hazard Identification
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.
Precautions for fire-fighting	Standard procedure for chemical fires.

NFPA:	Health Hazard: 1	Flammability: 1	Instability / Reactivity 0	Special: --
HMIS:	Health Hazard: 1	Flammability: 1	Physical Hazard: 0	Personal Protection: B
Key:	(Also see Sections 3 & 8)			

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Ensure adequate ventilation. Use personal protective equipment. Avoid contact with the skin and the eyes.
Environmental Precautions:	Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.
Methods for Cleaning Up:	Clean-up methods - small spillage: Wearing appropriate personal protective equipment; Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly. Large spills should be diked, contained and collected for later disposal according to local, provincial, state or federal regulations.
Methods for Containment:	Prevent further leakage or spillage if safe to do so

7. HANDLING AND STORAGE

Handling:	Use only as directed on the container label. Ensure adequate ventilation Wear personal protective equipment Avoid contact with skin and eyes Do not ingest Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before re-use
Storage:	Store in original container in areas inaccessible to small children and pets. Store in an area out of direct sunlight, keep container closed when not in use and avoid storing in a damp environment. Store at room temperature Keep at temperatures below 45°C Keep away from heat Keep away from food items and potable (drinking) water supplies. Keep from freezing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL
Cl 77004 Kaolin 1332-58-7	TWA: 2 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³ TWA: 15 mg/m ³
Cellulose 9004-34-6	TWA: 10 mg/m ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³
Viable Bacteria Cultures N/A	-	-
Dioxotitanium 13463-67-7	TWA: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 15 mg/m ³
Protease 9014-01-1	Ceiling: 0.00006 mg/m ³	0.00006 mg/m ³ STEL

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Engineering Controls:	For occupational exposures, ensure adequate ventilation.
Environmental exposure controls	Local authorities should be advised if significant spillages cannot be contained
<u>Personal Protective Equipment</u>	
Respiratory Protection:	Use only with adequate ventilation In case of insufficient ventilation wear suitable respiratory equipment
Eye/Face Protection:	Avoid contact with eyes Safety glasses with side-shields.
Hand Protection:	Avoid contact with skin For prolonged or repeated contact use protective gloves
Skin and Body Protection:	Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.
Hygiene Measures:	Wash hands with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.
Appearance:	Gel
Colour:	Blue
Odour:	Slight fermentation odor
pH	No information available
Flash Point:	> 93.3°C / > 200°F
Flammability Limits in Air:	No information available
Autoignition Temperature:	No information available.
Specific Gravity / Density [g/mL]:	0.9611
Bulk density [g/mL]:	8.02 lbs/gal
Vapour pressure:	not determined.
Solubility:	Water solubility: partly soluble.
<u>Explosion limits:</u>	
- upper:	Not available
- lower:	Not available

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10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Conditions to Avoid:	Store away from excessive heat and moisture
Materials to Avoid:	Strong acids or alkali compounds, as well as oxidizing agents may inactivate biological cultures.
Hazardous Decomposition Products:	Oxides of carbon and unknown organic compounds.
Polymerization:	Hazardous polymerization does not occur.

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11. TOXICOLOGICAL INFORMATION
PRODUCT TOXICITY DATA

LD₅₀ Oral: No information available

LD₅₀ Dermal: No information available

LC₅₀ Inhalation (Dust): No information available

LC₅₀ Inhalation (Vapor): No information available

ACUTE EFFECTS

Eye Irritation May cause eye irritation.

Skin Irritation Mild skin irritation

Inhalation None expected during normal conditions of use.

Ingestion Health injuries are not known or expected under normal use.
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea
See Section 4 for First Aid instructions.

Sensitization Not expected to be a skin sensitizer.

Specific Effects

Carcinogenic Effects: Not listed as carcinogenic by OSHA, NTP or IARC.

Mutagenic Effects No information available.

Reproductive Toxicity: No information available.

Additional Toxicity Information: Information is based on available component data and toxicity result of similar products.

COMPONENT TOXICITY DATA

Chemical Name	CAS-No	LD50 Oral - with units - Rat - mg/kg	LD50 Dermal - With Units - Rat/Rabbit - mg/kg	LC50 Inhalation - With units - Rat/Rabbit
Cl 77004 Kaolin	1332-58-7	no data available	no data available	no data available
Cellulose	9004-34-6	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	5800 mg/m ³ (Rat) 4 h
Viable Bacteria Cultures	N/A	no data available	no data available	no data available
Dioxotitanium	13463-67-7	10000 mg/kg (Rat)	no data available	no data available
Protease	9014-01-1	3700 mg/kg (Rat)	no data available	no data available

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12. ECOLOGICAL INFORMATION

PRODUCT TOXICITY DATA

Aquatic toxicity: No information available

COMPONENT TOXICITY DATA

Other Information

**Ozone depletion potential; ODP;
(R-11 = 1)** No information available.

Global Warming Potential (GWP): No information available.

Additional Ecological Information: Information given is based on data on the components and the ecotoxicology of similar products.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Dispose of in accordance with local regulations.

Contaminated Packaging: Empty containers should be taken for local recycling, recovery or waste disposal

Waste Disposal: Small quantities of waste liquid may be discharged into a sanitary sewer. Discard any absorbed material in trash collection. Rinse empty container thoroughly and discard in trash or recycle.

14. TRANSPORT INFORMATION

General remarks Not classified as dangerous in the meaning of transport regulations.

DOT Not regulated

TDG Not regulated

MEX Not applicable.

ICAO Not regulated

IATA Not regulated

IMDG / IMO Not regulated

RID Not applicable.

ADR Not applicable.

ADN Not applicable.

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15. REGULATORY INFORMATION

Chemical Name	PICCS	TSCA	DSL	NDSL	ENCS	CHINA	AICS	EINECS/ ELINCS	South Africa STELs
CI 77004 Kaolin		XU	X		X	X	X	310-194-1	
Cellulose		XU	X		X	X	X	232-674-9	
Viable Bacteria Cultures								None	
Dioxotitanium		Present	X		X	X	X	236-675-5	
Protease	Present	XU	IUB#3.4.21.6 2			X	X	232-752-2	

U.S. Regulations:
CI 77004 Kaolin - 1332-58-7

NJRTK X
Appearance None.
SARA313 None
California Prop. 65 Not Listed

Cellulose - 9004-34-6

NJRTK X
Appearance None.
SARA313 None
California Prop. 65 Not Listed

Viable Bacteria Cultures - N/A

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

Dioxotitanium - 13463-67-7

NJRTK X
Appearance Pure titanium dioxide is a white powder or fine, needle-like crystals. Naturally occurring crystals (anatase, brookite and rutile) usually contain impurities which color them yellow, reddish brown, green, blue, black or brown.
SARA313 None
California Prop. 65 Not Listed

Protease - 9014-01-1

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

WHMIS (Canada)

WHMIS Hazard Class Not determined

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16. OTHER INFORMATION
**National Fire
Protection Association
(U.S.A.):**

HMIS (U.S.A.):

Health Hazard	1
Flammability:	1
Physical hazards	0
Personal Protection	B

Reason for revision: Not applicable

Additional advice: This product should only be used as directed on the label and for the purpose intended.

Prepared by: Reckitt Benckiser LLC.
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Montvale, New Jersey 07646-1810 USA
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