



## 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 <sup>3</sup> TWA respirable fraction, particulate matter containing no asbestos and <1% crystalline silica 1 322 1 Kaolin	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> TWA: 15 mg/m <sup>3</sup>
Cellulose 9004-34-6	1 - 5 %	= 10 mg/m <sup>3</sup> TWA 1 322 1 Cellulose	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
Viable Bacteria Cultures N/A	1 - 5 %		
Dioxotitanium 13463-67-7	0.1 - 1 %	= 10 mg/m <sup>3</sup> TWA 1 322 1 Titanium dioxide	TWA: 10 mg/m <sup>3</sup> TWA: 15 mg/m <sup>3</sup>
Protease 9014-01-1	0.1 - 1 %	0.00006 mg/m <sup>3</sup> Ceiling	0.00006 mg/m <sup>3</sup> STEL

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**4. FIRST AID MEASURES**

<b>Inhalation</b>	Move to fresh air.
<b>Skin Contact</b>	If on skin, wash with plenty of soap and water. If irritation persists get immediate medical attention.
<b>Eye Contact</b>	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.
<b>Ingestion</b>	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.
<b>Notes to Physician</b>	Treat symptomatically
<b>Protection of First-aiders</b>	Use personal protective equipment.
<b>Aggravated Medical Conditions:</b>	No information available.

**5. FIRE-FIGHTING MEASURES**

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

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

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**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Ensure adequate ventilation. Use personal protective equipment. Avoid contact with the skin and the eyes.
<b>Environmental Precautions:</b>	Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.
<b>Methods for Cleaning Up:</b>	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.
<b>Methods for Containment:</b>	Prevent further leakage or spillage if safe to do so

**7. HANDLING AND STORAGE**

<b>Handling:</b>	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
<b>Storage:</b>	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 <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> TWA: 15 mg/m <sup>3</sup>
Cellulose 9004-34-6	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
Viable Bacteria Cultures N/A	-	-
Dioxotitanium 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 15 mg/m <sup>3</sup>
Protease 9014-01-1	Ceiling: 0.00006 mg/m <sup>3</sup>	0.00006 mg/m <sup>3</sup> STEL

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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

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**10. STABILITY AND REACTIVITY**

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

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**11. TOXICOLOGICAL INFORMATION**
**PRODUCT TOXICITY DATA**
**LD<sub>50</sub> Oral:** No information available

**LD<sub>50</sub> Dermal:** No information available

**LC<sub>50</sub> Inhalation (Dust):** No information available

**LC<sub>50</sub> 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 sensitiser.

**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 <sup>3</sup> ( 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)**

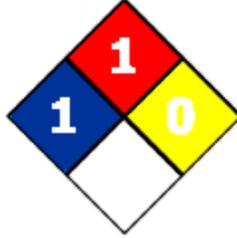
**WHMIS Hazard Class** Not determined

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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.  
Product Safety Department  
1 Philips Parkway  
Montvale, New Jersey 07646-1810 USA.  
FAX: 201-476-7770

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