



PRODUCT SAFETY DATA SHEET

Print date: 09 Jan 2007

1. PRODUCT AND COMPANY IDENTIFICATION

Item Number / Product code: 0090609

Product name: RID-X® SEPTIC SYSTEM TREATMENT
(CONCENTRATED POWDER)

Validation / Revision Date: 09 January 2007

EPA Identifier: Not applicable.

Formula Number: 1171-12B (0090609)

UPC Number and Size: 19200-80306 (10.3 oz.);
19200-80307 (20.7 oz.);
19200-80309 (31.0 oz.);
19200-80310 (41.4 oz.).
Cardboard cartons, packed as 6 / case & 12 / case.

Product Description: Septic system treatment containing bacteria and enzymes.

Manufacturer: Reckitt Benckiser North America, Inc.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225

Emergency telephone number: 1-800-228-4722 (U.S.)

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

Components:

BACTERIA SPORE BLEND (COMPLEX
CONTAINING AMYLASE & PROTEASE
ENZYME)
68920-42-3

ENZYME MIXTURE (CONTAINING AMYLASE
& PROTEASE, SUBTILISIM ENZYME)

N/A, MIXTURE
TOMADOL 91-6
68439-46-3

Wt %	ACGIH:	OSHA:
0-0.5	None	0.00006 mg/m ³ TWA (PEL) Protease (9014-01-1)
1-5	None	0.00006 mg/m ³ TWA (PEL) Protease (9014-01-1)
0-1	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: May cause eye and skin irritation.
Avoid contact with eyes, skin or clothing.
Avoid breathing dusts.
May cause allergic sensitivity in some individuals.
Contains bacterial enzyme cultures.

KEEP OUT OF REACH OF CHILDREN

4. FIRST AID MEASURES

Inhalation:	Move to fresh air.
Skin contact:	If on skin, wash with soap and water. Discontinue use IMMEDIATELY and get medical attention if a reaction develops.
Eye contact:	In case of eye contact, hold eyes open and IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. If irritation occurs or persists, get medical attention.
Ingestion:	If swallowed, rinse mouth and drink a glass of water. Call a physician or Poison Control Center IMMEDIATELY! Induce vomiting ONLY if advised to do so by a physician or the Poison Control Center.
Notes to physician:	Contains a bacterial complex with amylase, protease and subtilisin protease enzymes. Ingestion of this product could cause irritation of the mouth and throat.
Aggravated Medical Conditions:	None known. Persons with respiratory problems or skin disorders should avoid contact with this product.

5. FIRE-FIGHTING MEASURES

Flash point:	No FP test was performed on the finished product. Based on evaluation of all components and the final mixture percentages it is estimated that this concentrate / mixture / product has a flash point greater (>) than 93° C (200° F).
Flammability Limits in Air:	
Lower:	No information available.
Upper:	No information available.
Autoignition temperature:	No information available.

Suitable extinguishing media:	Water spray. Carbon dioxide (CO2). Dry chemical.
Extinguishing media which must not be used for safety reasons:	No information available.
Specific hazards:	Not applicable.
Unusual hazards:	None known
Special protective equipment for firefighters:	As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.
Specific methods:	Standard procedure for chemical fires.

NFPA: **Health:** 1 **Flammability:** 0 **Instability:** 0
HMS: **Health:** 1 **Flammability:** 0 **Reactivity:** 0

Key: Personal Protection Index = C.
(Also see Sections 3 & 8)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation.
Environmental precautions:	Do not allow material to contaminate ground water system.
Methods for cleaning up:	When performing the required clean-up operation, wear the appropriate personal protective equipment such as impervious gloves and eye protection. Small spills: Dilute with water and mop up, or absorb with an inert material and place in an appropriate waste disposal container. Large spills: Contain and collect for later disposal according to local, provincial, state or federal regulations.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Wash hands after handling. KEEP OUT OF REACH OF CHILDREN!
Safe handling advice:	Read and follow product label instructions.
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. Keep away from food items and potable (drinking) water supplies. Keep away from heat. Rinse container thoroughly before recycling.
Incompatible products:	None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

For occupational exposures, ensure adequate ventilation.

Personal Protective Equipment

- Respiratory protection:** Use in a well-ventilated area.
Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of airborne particles (dust) generated by this product during a spill or other clean-up operations.
- Hand protection:** Avoid contact with the skin.
If contact with the skin is likely, wear suitable impervious gloves.
Emergency responders should wear impermeable gloves.
- Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.
- Eye protection:** Avoid contact with eyes.
Emergency responders should wear full eye and face protection.
- Hygiene measures:** Avoid contact with skin, eyes and clothing.
Wash hands with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state:** Powder. Cardboard carton.
Appearance: Powder.
Colour: Light brown.
Odour: Bran odor / slightly fermented.
pH: 5.5 - 8.5 (10% Solution)
Flash point: Not applicable. Powder.
Does not flash
Specific gravity: 19 - 21.5 lbs. / cu. ft.
Vapour pressure: Not determined.
Solubility: Partial, 5%.

Explosion limits:

- upper: No data available.
- lower: No data available.

10. STABILITY AND REACTIVITY

- Stability:** Stable under recommended storage conditions.
- Polymerization:** Hazardous polymerisation does not occur.
- Hazardous decomposition products:** Oxides of carbon and unknown organic compounds.
- Materials to avoid:** Do not mix with other household chemicals.
- Conditions to avoid:** Store away from excessive heat and moisture.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information:

Product Information

LC50/inhalation/4h/rat = No information available.
LD50/dermal/rabbit = No information available.
LD50/oral/rat = No information available.

Local effects

Skin irritation: Avoid skin contact.
May cause skin irritation
May cause allergic sensitivity in some individuals.

Eye irritation: None expected during normal use. May cause eye irritation upon direct contact with eyes.

Inhalation Inhalation of vapors in high concentration may cause irritation of respiratory system.

Ingestion May be harmful if swallowed. See Section 4 for First Aid instructions.
Ingestion could cause irritation of the mouth and throat.

Sensitization May cause sensitization of susceptible persons

Chronic toxicity: No information available.

Specific effects

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

Components:	NTP:	IARC:	OSHA:	Mexico:
BACTERIA SPORE BLEND (COMPLEX CONTAINING AMYLASE & PROTEASE ENZYME)			0.00006 mg/m ³ TWA (PEL) Protease (9014-01- 1)	
ENZYME MIXTURE (CONTAINING AMYLASE & PROTEASE, SUBTILISIM ENZYME)			0.00006 mg/m ³ TWA (PEL) Protease (9014-01- 1)	

Mutagenic effects: No information available.

Reproductive toxicity: No information available.

Target organ effects: No information available.

Information is based on data on the components and the toxicology of similar products.

12. ECOLOGICAL INFORMATION

Product Information

Aquatic toxicity: LC50/96h/fathead minnows (Pimephales promelas) = >1,000 mg/L.

Component Information:

Other information:

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

Additional ecological information: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Packaging to be recycled only if emptied completely!

Contaminated packaging: Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

Waste Disposal:

Small amounts of powder waste: Wipe up with a wet paper towel and discard absorbed material in trash collection and flush waste residue to sink or sanitary sewer.

Large quantities:

Wearing appropriate personal protective equipment, collect and store in an appropriate container for disposal according to local, state, provincial and federal regulations.

14. TRANSPORT INFORMATION

UN / Id No:**Not applicable****DOT:**

Classification: Not a DOT regulated material. (United States)
Proper shipping name: Not applicable.
U.S. DOT - Hazard Class: Not applicable.
Subsidiary risk: Not applicable.
Packing Group: Not applicable.
DOT RQ (lbs): Not applicable.
ERG No: Not applicable.

TDG (Canada):

Classification: Not regulated under TDG
Proper shipping name: Not applicable.
Status: Not applicable.
Packing Group: Not applicable.
WHMIS hazard class: Not a WHMIS controlled product.

IMDG / IMO

Classification: Not regulated under IMDG
Proper shipping name: Not applicable.
Class: Not applicable.
Subsidiary Risk: Not applicable.
Packing group: Not applicable.
IMDG page: Not applicable.
Marine pollutant: Not applicable.
EMS: Not applicable.
MFAG: See Guide.

ADR / RID

Classification: Not applicable.
Proper shipping name: Not applicable.
Class: Not applicable.
Subsidiary risk: Not applicable.
Packing Group: Not applicable.
ADR/RID-labels: Not applicable
Hazard Identification Number: Not applicable.
CEFIC Tremcard No: Not applicable.

ICAO / IATA:

Classification: Not regulated under ICAO / IATA
Proper shipping name: Not applicable.
Class: Not applicable.
Subsidiary Risk: Not applicable
Packing Group: Not applicable.
Maximum quantity Not applicable.

15. REGULATORY INFORMATION

Components:	PICCS:	TSCA:	DSL:	NDSL:	ENCS:	CHINA:	AICS:	EINECS-No
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TOMADOL 91-6						Present	Present	
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U.S. Regulations:

Components: *BACTERIA SPORE BLEND (COMPLEX CONTAINING AMYLASE & PROTEASE ENZYME) - 68920-42-3*

NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None

Components: *ENZYME MIXTURE (CONTAINING AMYLASE & PROTEASE, SUBTILISIM ENZYME) - N/A, MIXTURE*

NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None

Components: *TOMADOL 91-6 - 68439-46-3*

NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None

Canada

WHMIS hazard class: Not a WHMIS controlled product.

16. OTHER INFORMATION

National Fire Protection Association (U.S.A.):



HMIS (U.S.A.):

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	C

Reason for revision: Revision of data and / or an update of the PSDS.

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

Prepared by: Reckitt Benckiser (U.S.) Inc.
 Product Safety Department
 1 Philips Parkway
 Montvale, New Jersey 07646-1810 USA.
 Phone: 201-573-6391
 FAX: 201-476-7770.

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