

CB4904

MATERIAL SAFETY DATA SHEET

R1 R-T-U BOWL CLEANER

MSDS ID: 03908

Page 1 of 3
Revised 2/02/04
Replaces 6/25/02
Printed 1/06/05

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: R1 R-T-U BOWL CLEANER
Product Code: 2478012
Product Function: BOWL CLEANER

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name(CAS Number)	%	Exposure Limits
CITRIC ACID (77-92-9)	>5-<15	NOT ESTABLISHED
QUARTERNARY TRIALKYL METHYL SULFATE (68440-54-0)	<5	NOT ESTABLISHED

3. HAZARDS IDENTIFICATION

Possible Routes of Entry:

Inhalation: NO
Skin: YES
Ingestion: YES

4. FIRST AID MEASURES

Eyes: FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.
Skin: WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. LAUNDER CONTAMINATED CLOTHING.
Ingestion: DRINK SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET PROMPT MEDICAL ATTENTION. NEVER GIVE FLUIDS BY MOUTH OR INDUCE VOMITING TO AN UNCONSCIOUS PERSON.
Inhalation: USUALLY NOT REQUIRED.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE
Unusual Fire or Explosion Hazards: NONE KNOWN
Extinguishing Media: Carbon Dioxide (CO2), foam or dry powder.
Fire Fighting Instructions: WEAR PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:
FLUSH SMALL AMOUNTS TO DRAIN; COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER.

7. HANDLING AND STORAGE

KEEP FROM FREEZING. KEEP CONTAINER CLOSED. CAUTIONS ON CONTAINER LABEL

MATERIAL SAFETY DATA SHEET

R1 R-T-U BOWL CLEANER

MSDS ID: 03908

Page 2 of 3
Revised 2/02/04
Replaces 6/25/02
Printed 1/06/05

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: GOGGLES
Protective Gloves: Rubber for prolonged contact.
Respiratory Protection: NONE
Other Protective Clothing/Equipment: CLOTHING TO PREVENT PROLONGED SKIN CONTACT.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: BLUE LIQUID; FLORAL ODOR
Boiling Point (F): 212 Freezing Point (F): Not Determined
Specific Gravity: 1.0200 pH: Not Determined
Volatile (% by Vol.): 90 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: NONE
Hazardous Decomposition Products: CO, WITH INCOMPLETE COMBUSTION
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: CAUSES BURNS TO SKIN AND EYES. HARMFUL IF SWALLOWED.
Chronic: SAME AS ACUTE
Medical Conditions Generally Aggravated by Exposure:
Sensitive skin

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. DEFACE CONTAINER LABEL BEFORE DISPOSAL IN TRASH.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA/313 Toxic Chemicals:

ALL CHEMICAL INGREDIENTS ARE LISTED ON TSCA INVENTORY.

CARCINOGENICITY:

Not listed as carcinogenic by IARC, NTP, OSHA, ACGIH.

MATERIAL SAFETY DATA SHEET

R1 R-T-U BOWL CLEANER

MSDS ID: 03908

Page 3 of 3
Revised 2/02/04
Replaces 6/25/02
Printed 1/06/05

15. REGULATORY INFORMATION (Cont.)

HMIS Ratings: Health: 3 Fire: 0 Reactivity: 0
Personal Protective Equipment: B

State Right-to-Know Information:

WATER - CAS #7732-18-5

CITRIC ACID - CAS #77-92-9

SODIUM XYLENE SULFONATE - CAS #1300-72-7

QUATERNARY TRIALKYL METHYL SULFATE - CAS #68440-54-0

FRAGRANCE - PROPRIETARY

16. OTHER INFORMATION

Disclosure: The information contained in this safety data sheet is based on the knowledge of this specific product and current national legislation. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the applicability of this information for their particular conditions of storage, handling, and use.