

PURITAN/CHURCHILL
916 Ashby Street
Atlanta, Georgia 30318

38126012

MATERIAL SAFETY DATA SHEET

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MEDICAL EMERGENCY ONLY, 24 HOURS SERVICE: 1-800-328-0026

Puritan/Churchill Chemical Co. Product Information: 1-800-275-8914
916 Ashby Street, NW
Atlanta GA 30318 Date of Issue: June 22, 1998

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1.0 IDENTIFICATION /

- 1.1 Product Name: T.S.R. READY TO USE
1.2 Product Type: General Purpose Cleaner

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "##" ++

2.0 HAZARDOUS COMPONENTS /

		(mg/m3)
	%	PEL TWA
		No No
2.1 Trisodium nitrilotriacetate (Na3NTA) 5064-31-3	0.2	

PEL = OSHA 8 Hour Average in Air TWA = ACGIH 8 Hour Average in Air

3.0 PHYSICAL DATA /

- 3.1 Appearance: A deep orange liquid with a lavender odor
3.2 Solubility in Water: Mixes with water in all proportions.
3.3 pH: 11.7 (100%)
3.4 Initial Boiling Point: 212 deg F
3.5 Specific Gravity: 1.027

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None
4.2 Fire Fighting Methods: Does not support combustion.

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of handling.
5.2 Conditions to Avoid: None

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Dike or dam large spills. Pump to containers or soak up on inert absorbent. Flush residue to sanitary sewer.
6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal.

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7.0 HEALTH HAZARD DATA /

7.1 Effects of Overexposure to Concentrate:

Skin and Eyes: Can cause severe irritation.

If Swallowed: Harmful. Can cause irritation of mouth, throat and stomach.

7.2 Based on tests with laboratory animals, the NTP and IARC list nitrilotriacetic acid (NTA) as a possible carcinogen. According to ACGIH guidelines, NTA would not be considered an occupational carcinogen of any practical significance.

7.3 Note: This product contains a material known to the State of California to cause cancer.

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8.0 FIRST AID /

8.1 Eyes: Flush at once with cool running water. Remove contact lenses. Holding eyelids apart, continue flushing for 15 minutes.

8.2 Skin: Flush skin with cool water; then wash thoroughly with soap and water. Wash contaminated clothing well before reuse.

8.3 If Swallowed: Rinse mouth; then drink 1 or 2 large glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026,
A POISON CONTROL CENTER OR A PHYSICIAN

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9.0 PROTECTIVE MEASURES /

9.1 CONCENTRATE:

Respiratory: Avoid breathing mists or vapors of this product.

Eyes: Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

Skin: Use industrial rubber gloves, other protection as necessary to avoid skin contact.

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10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 Purpose of 06/22/98 issue: First issue in present format.

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.