MATERIAL SAFETY DATA SHEET

Chemtrol BOWLDOZER Non-Acid Toilet Cleaner

Version Number: 1 Preparation date: 2005-10-04

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Chemtrol BOWLDOZER Non-Acid Toilet Cleaner
MSDS #:	U23067
Product code:	U23067
Recommended use:	Chemical Management Systems .
Manufacturer, importer, supplier: Unisource Worldwide, Inc. 6600 Governors Lake Parkway Norcross, GA 30071 Phone: 770-447-9000 MSDS Internet Address: www.unisourcelink.com	
Emergency telephone number:	1-888-660-6737

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- WARNING
- CONCENTRATE
- CAUSES EYE AND SKIN IRRITATION
- FLAMMABLE LIQUID AND VAPOR

Principle routes of exposure:	• Eye contact • Skin contact • Inhalation
Eye contact:	• Severe eye irritation
Skin contact:	• Moderately irritating to the skin
Inhalation:	• May be irritating to nose, throat, and respiratory tract
Ingestion:	• May be irritating to mouth, throat and stomach

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %
Sodium lauryl sulfate	151-21-3	1 - 5 %
Isopropyl alcohol	67-63-0	10 - 30%

HAZARDOUS COMPONENTS

Ingredient	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium lauryl sulfate	1288 mg/kg (rat)	Not available	3900 mg/m^3/1H (rat)
Isopropyl alcohol	5000 mg/kg (rat)	12800 mg/kg (rabbit)	16000 ppm/8H (rat)

4. FIRST AID MEASURES

Eye contact:	• Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open • Get medical attention
Skin contact:	• Flush immediately with plenty of water • If irritation persists, get medical attention
Inhalation:	• If breathing is affected, remove to fresh air • Get medical attention
Ingestion:	• Immediately drink one cupful of water or milk • Get medical attention
Aggravated Medical Conditions:	• Persons with pre-existing skin disorders may be more susceptable to irritating effects

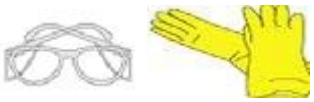
5. FIRE-FIGHTING MEASURES	
Suitable extinguishing media:	• Dry chemical, water spray, foam, carbon dioxide
Specific hazards:	• Not applicable
Unusual hazards:	• None known
Specific methods:	• No special methods required
Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear	
Extinguishing media which must not be used for safety reasons: No information available	

6. ACCIDENTAL RELEASE MEASURES	
Personal precautions:	• Use spark-proof tools and explosion-proof equipment • Put on appropriate personal protective equipment (see Section 8.)
Environmental precautions and clean-up methods:	• Use appropriate containment to avoid environmental contamination • Sweep up and shovel into suitable containers for disposal • Keep in suitable and closed containers for disposal • Use a water rinse for final clean-up

7. HANDLING AND STORAGE	
Handling:	• FLAMMABLE LIQUID AND VAPOR • Avoid contact with skin, eyes and clothing • Do not taste or swallow • Keep away from open flames, hot surfaces and sources of ignition • Remove and wash contaminated clothing and footwear before re-use • Wash thoroughly after handling • Product residue may remain on/in empty containers • All precautions for handling the product must be used in handling the empty container and residue
FOR COMMERCIAL AND INDUSTRIAL USE ONLY	
Storage:	• Protect from freezing • Keep tightly closed in a dry, cool and well-ventilated place • Store in a cool, dry, well ventilated area away from heat or open flame • Keep out of the reach of children

8. EXPOSURE CONTROLS / PERSONAL PROTECTION	
Engineering measures to reduce exposure: • No special ventilation requirements • General room ventilation is adequate	
Personal Protective Equipment	
Eye protection:	• Safety glasses with side-shields
Hand protection:	• Chemical resistant gloves • neoprene gloves
Skin and body protection:	• If major exposure is possible, wear suitable protective clothing and footwear
Respiratory protection:	• No special requirements under normal use conditions
Hygiene measures:	• Handle in accordance with good industrial hygiene and safety practice

Personal protective equipment



Ingredient	CAS #	ACGIH	OSHA	Mexico
Isopropyl alcohol	67-63-0	400 ppm (STEL) 200 ppm (TWA)	980 mg/m^3 400 ppm	1225 mg/m^3 (STEL) 980 mg/m^3 (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	**Appearance:**	No information available
Color:	Dark Green	**Odor:**	Spearmint
Specific gravity:	1.074	**pH:**	12.9
Dilution pH:	No information available.	**Density:**	8.95 lbs/gal
Bulk density:	No information available	**Vapor density:**	No information available
Evaporation rate:	No information available	**Solubility:**	Soluble
VOC:	No information available	**Viscosity:**	No information available

Solubility in other solvents:	No information available
Partition coefficient (n-octanol/water):	No information available
Boiling point/range:	Not determined
Melting point/range:	Not determined
Flash point:	86 (°F) 30 (°C)
Decomposition temperature:	Not determined
Autoignition temperature:	No information available

10. STABILITY AND REACTIVITY

Stability:	• The product is stable
Polymerization:	• Hazardous polymerisation does not occur.
Hazardous decomposition products:	• None reasonably foreseeable.
Conditions to avoid:	• Do not freeze • Keep away from open flames, hot surfaces and sources of ignition

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.
Component Information:	• See Section 3
Chronic toxicity:	• None known
Specific effects	
Carcinogenic effects:	• None known
Mutagenic effects:	• None known
Reproductive toxicity:	• None known
Target organ effects:	• None known

12. ECOLOGICAL INFORMATION

Environmental Information:	• When used for its intended purpose this product should not cause adverse effects in the environment

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	• Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG:	• Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

SARA 311/312 Hazard Categories

Immediate:	Y
Delayed:	N
Fire:	Y
Reactivity:	N
Sudden Release of Pressure:	N

Canada

Ingredient	CAS #	NPRI
Isopropyl alcohol	67-63-0	Listed

WHMIS hazard class:	Not for sale in Canada.

STATE RIGHT TO KNOW

Ingredient	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Sodium lauryl sulfate	151-21-3	-	-	-	-	-	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-	-	-
Isopropyl alcohol	67-63-0	Listed	Listed	Listed	Listed	Listed	Listed
Alcohol ethoxylates	68439-46-3	-	-	-	-	-	-
Tetrasodium salt of EDTA	64-02-8	-	-	-	-	-	-

CERCLA / SARA

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Isopropyl alcohol	67-63-0	10 - 30%	100		Listed.

16. OTHER INFORMATION

HMIS	**Health**	2	**Fire Hazard**	3	**Reactivity**	0
NFPA	**Health:**	2	**Flammability:**	3	**Instability:**	0

Reason for revision:	Not applicable
Prepared by:	NAPRAC
Additional advice:	None

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