

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:	<ul style="list-style-type: none"> • Eye contact • Skin contact • Inhalation
Eye contact:	<ul style="list-style-type: none"> • Severe eye irritation
Skin contact:	<ul style="list-style-type: none"> • Moderately irritating to the skin
Inhalation:	<ul style="list-style-type: none"> • May be irritating to nose, throat, and respiratory tract
Ingestion:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open • Get medical attention
Skin contact:	<ul style="list-style-type: none"> • Flush immediately with plenty of water • If irritation persists, get medical attention
Inhalation:	<ul style="list-style-type: none"> • If breathing is affected, remove to fresh air • Get medical attention
Ingestion:	<ul style="list-style-type: none"> • Immediately drink one cupful of water or milk • Get medical attention
Aggravated Medical Conditions:	<ul style="list-style-type: none"> • Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	<ul style="list-style-type: none"> Dry chemical, water spray, foam, carbon dioxide
Specific hazards:	<ul style="list-style-type: none"> Not applicable
Unusual hazards:	<ul style="list-style-type: none"> None known
Specific methods:	<ul style="list-style-type: none"> 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:	<ul style="list-style-type: none"> Use spark-proof tools and explosion-proof equipment Put on appropriate personal protective equipment (see Section 8.)
Environmental precautions and clean-up methods:	<ul style="list-style-type: none"> 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:	<ul style="list-style-type: none"> 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:	<ul style="list-style-type: none"> 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:	
<ul style="list-style-type: none"> No special ventilation requirements General room ventilation is adequate 	
Personal Protective Equipment	
Eye protection:	<ul style="list-style-type: none"> Safety glasses with side-shields
Hand protection:	<ul style="list-style-type: none"> Chemical resistant gloves neoprene gloves
Skin and body protection:	<ul style="list-style-type: none"> If major exposure is possible, wear suitable protective clothing and footwear
Respiratory protection:	<ul style="list-style-type: none"> No special requirements under normal use conditions
Hygiene measures:	<ul style="list-style-type: none"> 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:	<ul style="list-style-type: none"> The product is stable
Polymerization:	<ul style="list-style-type: none"> Hazardous polymerisation does not occur.
Hazardous decomposition products:	<ul style="list-style-type: none"> None reasonably foreseeable.
Conditions to avoid:	<ul style="list-style-type: none"> 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:	<ul style="list-style-type: none"> See Section 3
Chronic toxicity:	<ul style="list-style-type: none"> None known
<u>Specific effects</u>	
Carcinogenic effects:	<ul style="list-style-type: none"> None known
Mutagenic effects:	<ul style="list-style-type: none"> None known
Reproductive toxicity:	<ul style="list-style-type: none"> None known
Target organ effects:	<ul style="list-style-type: none"> None known

12. ECOLOGICAL INFORMATION

Environmental Information:	<ul style="list-style-type: none"> When used for its intended purpose this product should not cause adverse effects in the environment
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13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	<ul style="list-style-type: none"> Dispose of according to all federal, state and local applicable regulations
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14. TRANSPORT INFORMATION

DOT/TDG:	<ul style="list-style-type: none"> Please refer to the Bill of Lading/receiving documents for up to date shipping information
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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.
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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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