

MATERIAL SAFETY DATA SHEET

Version Number: 3

Preparation date: 2009-02-17

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Shower Tub & Tile Cleaner
MSDS #: MS0100857
Product Code: 4428354
Recommended use: Cleaning product. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:

US Headquarters	Canadian Headquarters
JohnsonDiversey, Inc.	JohnsonDiversey - Canada, Inc.
8310 16th St.	2401 Bristol Circle
Sturtevant, Wisconsin 53177-1964	Oakville, Ontario L6H 6P1
Ramsey Information Phone: 1-800-421-2768	Phone: 1-800-668-7171
MSDS Internet Address:	
www.ramseycompany.com	

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l);

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

- WARNING
- CAUSES EYE AND SKIN IRRITATION
- MAY BE HARMFUL IF SWALLOWED

Principle routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.
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 ingredients**

Ingredient(s)	CAS #	Weight %
Alcohol ethoxylates	34398-01-1	3 - 7%
Urea hydrochloride	506-89-8	10 - 25%

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: If swallowed, give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media:**

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Extinguishing media which must not be used for safety reasons:

None.

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 hazards: None known.

Unusual hazards: None known.

Specific methods: No special methods required

NFPA

Health: 2

Flammability: 0

Instability: 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Do not taste or swallow. 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. KEEP OUT OF 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:	Chemical-splash goggles.
Hand protection:	Chemical-resistant gloves
Skin and body protection:	No special protective clothing is required.
Respiratory protection:	No special protective clothing is required.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice

HMIS

Health 2

Fire Hazard 0

Reactivity 0

Personal protective equipment



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Green

pH: 0.99

Specific gravity: 1.053

Bulk density: No information available

Evaporation Rate: No information available

Solubility: Completely Soluble

Solubility in other solvents: No information available

Partition coefficient (n-octanol/water): No information available

Appearance: Aqueous solution

Odor: Citrus

Dilution pH: No information available.

Density: 8.79 lbs/gal

Vapor density: No information available

Viscosity: No information available

VOC: 0% *

Boiling point/range:	Not determined
Melting point/range:	Not determined
Flash point:	>200°F >93.3°C
Decomposition temperature:	Not determined

9. PHYSICAL AND CHEMICAL PROPERTIES

Autoignition temperature:	No information available
Elemental Phosphorus:	0 %P

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability:	The product is stable.
Polymerization:	Hazardous polymerization does not occur.
Materials to avoid:	Oxidising agents. Ammonia. Do not mix with chlorinated products.
Conditions to avoid:	Do not mix with any other product or chemical .
Hazardous decomposition products:	None known.

11. TOXICOLOGICAL INFORMATION**Hazardous ingredients**

Ingredient(s)	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Alcohol ethoxylates	1000	Not available	Not available
Urea hydrochloride	1121	Not available	Not available

Acute toxicity:	Oral LD50 estimated to be between 2000 - 3000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg
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:	No data available
-----------------------------------	-------------------

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), Canada (DSL/NDSL).

U.S. Regulations

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

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Dipropylene glycol n-butyl ether	29911-28-2	-	-	-	-
Urea hydrochloride	506-89-8	-	-	-	-
Alcohol ethoxylates	34398-01-1	-	-	-	-
Cocamidopropyl betaine	61789-40-0	-	-	-	-
Polyoxyethylene coconut amine	61791-14-8	-	-	-	-

CERCLA/ SARA

None

CAA HAP/CAA ODS/CWA Priority Pollutants: None**SARA 311/312 Hazard Categories**

Immediate:	x
Delayed:	-
Fire:	-
Reactivity:	-
Sudden Release of Pressure:	-

Canada**WHMIS hazard class:** D2B Toxic materials.**16. OTHER INFORMATION****Reason for revision:** Not applicable**Prepared by:** NAPRAC**Additional advice:** None

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.