

## Sure Step

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Sure Step
<b>Other Means of Identification</b>	700-ST
<b>Other Identification</b>	Bulk
<b>Recommended Use</b>	Bathroom cleaner, descaler.
<b>Manufacturer/Supplier Identifier</b>	The Cleaning House, 973 Barton St. E., Hamilton, Ontario, L2L 3C4, Shannon Morgan , (905) 547-2636
<b>Emergency Phone No.</b>	Poison Control: In Ontario, 1-800 268-9017 Poison Control: In Toronto, 416 813-5900
<b>SDS No.</b>	0744

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Skin corrosion - Category 1C; Serious eye damage - Category 1

#### Label Elements



Signal Word:

Danger

Hazard Statement(s):

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- P260 Do not breathe dusts or mists.
- P264 Wash hands thoroughly after handling.
- P280 Wear protective gloves, eye protection.
- P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTRE or doctor if you feel unwell.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Urea, monohydrochloride	506-89-8	10-30	

Product Identifier: Sure Step  
 SDS No.: 0744  
 Date of Preparation: January 04, 2018

Dipropylene glycol monomethyl ether	34590-94-8	2.5-10	
2-Butoxyethanol	111-76-2	2.5-10	
Citric acid	77-92-9	2.5-10	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

#### Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

#### Eye Contact

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. If there is any pain, redness or visual impairment, consult an ophthalmologist.

#### Ingestion

Rinse mouth with water. Do not induce vomiting. Get medical advice or attention if you feel unwell or are concerned.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

### Specific Hazards Arising from the Product

Does not burn. Non flammable.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### Environmental Precautions

Prevent any material from entering drains or waterways.

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Use drums to dispose of collected waste in compliance with current regulations (see section 13).

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Avoid ingestion and inhalation.

### Conditions for Safe Storage

Keep out of reach of children.

Storage:

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from flammable liquids.

Product Identifier: Sure Step

SDS No.: 0744

Date of Preparation: January 04, 2018

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Butoxyethanol	20 ppm		25 ppm			

- Avoid contact with eyes.

- Avoid skin contact.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Light brown.
pH	3 - 4
Melting Point/Freezing Point	-10 °C (14 °F) (freezing)
Initial Boiling Point/Range	102 °C (216 °F)
Evaporation Rate	Not applicable
Vapour Pressure	Not applicable
Relative Density (water = 1)	1.05 - 1.10
Solubility	Soluble in water
Other Information	
Physical State	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Conditions to Avoid

Avoid open flames, welding arcs, furnace heat exchangers or other high temperature sources which induces corrosive, poisonous thermal decomposition products. Hazardous polymerization will not occur.

### Incompatible Materials

Water - slow hydrolysis produces corrosive acid. Avoid contact with aluminum and its alloys. Avoid strong alkali such as sodium hydroxide & oxidizing agents.

### Hazardous Decomposition Products

Hydrogen chloride and very small amounts of phosgene and chlorine.

## SECTION 11. TOXICOLOGICAL INFORMATION

Route of entry: Skin contact, eye contact, inhalation, and ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Butoxyethanol	550 ppm (rat) (4-hour exposure)	745 mg/kg (rat)	1250 mg/kg (rat)

### Skin Corrosion/Irritation

Concentrated solution may cause pain and severe burns to the skin if not washed off immediately. Prolonged and

Product Identifier: Sure Step

SDS No.: 0744

Date of Preparation: January 04, 2018

repeated exposure to dilute solutions may cause irritation redness, pain and drying of the skin.

### Serious Eye Damage/Irritation

Mists may cause eye irritation. Splashes with concentrated solutions may cause severe burns and permanent eye damage.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Vapour and mist may cause irritation of the nose and throat.

#### Ingestion

Severe burning and pain in the mouth, throat and abdomen. Vomiting, diarrhea and difficulty in breathing. In very severe cases, collapse and death.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Not determined.

### Carcinogenicity

Not determined.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Carcinogenicity: None.

Teratogenicity: Not determined.

Reproductive toxicity: Not determined.

Mutagenicity: Not determined.

Synergistic products : Not determined.

### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
2-Butoxyethanol	1474 mg/L (96-hour)			911 mg/L (Pseudokirchneriella subcapitata (algae); 72-hour)

### Chronic Aquatic Toxicity

Chemical Name	NOEC Fish	EC50 Fish	NOEC Crustacea	EC50 Crustacea
2-Butoxyethanol		1800 mg/L (Daphnia magna (water flea))		

### Persistence and Degradability

Not determined.

### Bioaccumulative Potential

Not determined.

### Mobility in Soil

Not determined.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Waste treatment methods:

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Product Identifier: Sure Step

SDS No.: 0744

Date of Preparation: January 04, 2018

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	3264	Corrosive Liquid (Urea, monohydrochloride)	8	III
IATA (Air)	3264	Corrosive Liquid (Urea, monohydrochloride)	8	III
US DOT	3264	Corrosive Liquid (Urea, monohydrochloride)	8	III

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

**Safety, Health and Environmental Regulations**

**Canada**

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

WHMIS classification..... this is a controlled product.

CPR compliance..... this product has been classified in accordance with the hazard.

Criteria of the CPR and the MSDS contain all the information.

Required by the CPR.

**CEPA - National Pollutant Release Inventory (NPRI)**

WHMIS Classification: D1B, E

This product has been classified in accordance with the hazard criteria of the controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** technical service

**Date of Preparation** January 04, 2018

**Date of Last Revision** January 04, 2018

**Key to Abbreviations** OSHA = US Occupational Safety and Health Administration  
NTP = National Toxicology Program  
NIOSH = National Institute for Occupational Safety and Health

**References** Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific

Product Identifier: Sure Step

SDS No.: 0744

Date of Preparation: January 04, 2018

material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

---

Product Identifier: Sure Step  
SDS No.: 0744  
Date of Preparation: January 04, 2018

Page 06 of 06