

# Safety Data Sheet

**PROCHEM**

## 1. Identification

**Product Information:** S800  
**Product Name:** Crystal Blue  
**Recommended Use:** Professional Carpet Cleaning  
**Restrictions on Use:** Professional Use Only  
**Supplied by:** Legend Brands  
 Prochem  
 15180 Josh Wilson Road  
 Burlington, WA 98233  
 E-Mail: sds@legendbrands.com  
 800-932-3030  
  
 Legend Brands  
 4520 Eastgate Parkway  
 Mississauga, ON L4W 3W6  
 800-932-3030

**Emergency Telephone:** INFOTRAC 1-800-535-5053 (North America)  
 1-352-323-3500 (International)

## 2. Hazards Identification

### GHS Classification in accordance with 29 CFR 1910.1200

Carc. 2, Skin Corr. 1

### Symbol(s) of Product



### Signal Word

Danger

### Possible Hazards

< 1% of the mixture consists of ingredient(s) of unknown toxicity

### GHS HAZARD STATEMENTS

Suspected of causing cancer.

Causes severe skin burns and eye damage.

### GHS LABEL PRECAUTIONARY STATEMENTS

Obtain special instructions before use.

Do not breathe dust/fume/gas/mist/ vapors/spray.

Wash face or hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If exposed or concerned: Get medical advice/attention.

Immediately call a poison center/doctor

Store locked up.

Dispose of contents in accordance with local/regional/national/international regulations

### GHS SDS PRECAUTIONARY STATEMENTS

Wash contaminated clothing before reuse.

## 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
TRISODIUM NTA	5064-31-3	2.5-10
ALCOHOLS, C12-15, ETHOXYLATED	68131-39-5	2.5-10
Ethoxylated alcohols, C9-C11	68439-46-3	2.5-10
Sodium Metasilicate	6834-92-0	1.0-2.5
Ethylene glycol monobutyl ether	111-76-2	0.1-1.0

The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First-aid Measures

**GENERAL ADVICE:** Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**INHALATION:** Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

**SKIN CONTACT:** Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Call a physician immediately.

**EYE CONTACT:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

**INGESTION:** Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician immediately.

**SYMPTOMS:** See Section 2.2, Label Elements and/or Section 11, Toxicological effects

**NOTES TO PHYSICIAN:** Treat symptomatically.

## 5. Fire-fighting Measures

### EXTINGUISHING MEDIA

**Suitable Extinguishing Media:** Use water spray, fog, Carbon dioxide, foam or dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media:** None.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Hazardous decomposition products formed under fire conditions.

**ADVICE FOR FIREFIGHTERS:** As in any fire, wear self-contained breathing apparatus and full protective gear.

## 6. Accidental Release Measures

**ADVICE FOR EMERGENCY RESPONDERS:** Use personal protection recommended in Section 8.

**ENVIRONMENTAL PRECAUTIONS:** Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. See Section 12 for additional Ecological information.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Use personal protective equipment.

## 7. Handling and Storage

**HANDLING:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

**STORAGE:** Keep containers tightly closed in a cool, well-ventilated place. Store in original container.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
TRISODIUM NTA	N.E.	N.E.	N.E.	N.E.
ALCOHOLS, C12-15, ETHOXYLATED	N.E.	N.E.	N.E.	N.E.
Ethoxylated alcohols, C9-C11	N.E.	N.E.	N.E.	N.E.
Sodium Metasilicate	N.E.	N.E.	N.E.	N.E.
Ethylene glycol monobutyl ether	20 ppm	N.E.	50 ppm	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

### Personal Protection

**RESPIRATORY PROTECTION:** In case of insufficient ventilation wear suitable respiratory equipment.

**SKIN PROTECTION:** Wear impervious rubber clothing if needed to prevent contact with liquid material. Wear suitable protective clothing.

**EYE PROTECTION:** Safety glasses with side-shields.

**OTHER PROTECTIVE EQUIPMENT:** No Information

**HYGIENIC PRACTICES:** See section 7 for more information.

## 9. Physical and Chemical Properties

<b>Physical State:</b>	Liquid	<b>Color:</b>	Blue
<b>Appearance:</b>	Clear	<b>Odor Threshold:</b>	No Information
<b>Odor:</b>	Citrus - Mint	<b>pH:</b>	11.5 - 12.5
<b>Specific Gravity:</b>	1.089	<b>Viscosity:</b>	No Information
<b>Freeze Point, °C:</b>	No Information	<b>Partition Coefficient:</b>	No Information
<b>Solubility in Water:</b>	Soluble	<b>Explosive Limits, %:</b>	No Information
<b>Decomposition temperature, °C</b>	No Information	<b>Flash Point, °C:</b>	>94
<b>Boiling Point, °C:</b>	No Information	<b>Auto-Ignition Temperature, °C</b>	No Information
<b>Combustibility:</b>	Does not Support Combustion	<b>Vapor Pressure, mmHg:</b>	No Information
<b>Evaporation Rate:</b>	No Information Available		
<b>Vapor Density:</b>	No Information		

Volatile Organic Compounds (VOC): 0.003% at 1:320 dilution

## 10. Stability and Reactivity

**REACTIVITY:** Stable under normal conditions

**STABILITY:** Stable under recommended storage conditions

**CONDITIONS TO AVOID:** Direct sources of heat. Extremes of temperature and direct sunlight.

**INCOMPATIBILITY:** Aldehydes. Ketones. Sodium hypochlorite. Acids. Alcohols. Oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** No Information

## 11. Toxicological Information

**EFFECT OF OVEREXPOSURE - INHALATION:** No Information

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** SKIN IRRITANT

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** No Information

**EFFECT OF OVEREXPOSURE - INGESTION:** No Information

**CARCINOGENICITY:** No Information

**PRIMARY ROUTE(S) OF ENTRY:** No Information

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
5064-31-3	TRISODIUM NTA	1740 mg/kg	N.I.	N.I.
68131-39-5	ALCOHOLS, C12-15, ETHOXYLATED	1600 mg/kg Rat	2500 mg/kg Rabbit	22 mg/l
6834-92-0	Sodium Metasilicate	1153 mg/kg Rat	N.I.	N.I.
111-76-2	Ethylene glycol monobutyl ether	470	2000	11

N.I. = No Information

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Discharge into the environment must be avoided.

## 13. Disposal Information

**DISPOSAL METHOD:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Use personal protective equipment as required.

## 14. Transport Information

### DOT

**Shipping Name:** Limited Quantity in Gallons Only  
Corrosive liquids, n.o.s., (Sodium metasilicate)

**Hazard Class:** 8

**UN/NA Number:** 1760

**Packing Group:** III

### IMDG

**Proper Shipping Name:** Limited Quantity in Gallons Only  
Corrosive liquids, n.o.s., (Sodium metasilicate)  
**Hazard Class:** 8  
**UN Number:** 1760  
**Packing Group:** III

**IATA** Air transport is not recommended.

## 15. Regulatory Information

### International Inventories:

TSCA	Complies
DSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECI	-
PICCS	-
AICS	-
NZIoC	-

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL	Canadian Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemical Substances
AICS	Australian Inventory of Chemical Substances
NZIoC	New Zealand Inventory of Chemical Substances

### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Weight Percent</u>
Formaldehyde	50-00-0	<0.1

### TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

### CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
Formaldehyde	50-00-0

### CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

No Proposition 65 Reproductive Toxins exist in this product.

**16. Other Information**

**Revision Date:** 4/5/2018 **Supersedes Date:** New SDS

**Reason for revision:** Periodic review

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

<b>Health:</b>	3	<b>Flammability:</b>	1	<b>Reactivity:</b>	0	<b>Personal Protection:</b>	X
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**NFPA Ratings:**

<b>Health:</b>	3	<b>Flammability:</b>	1	<b>Instability:</b>	0	<b>Physical Hazard:</b>	-
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.