



**MATERIAL SAFETY DATA SHEET**

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Citrusafe Exterior Grill Cleaner      CATEGORY: Oven or Grill Cleaner

REVISION DATE: September 5, 2014

PRODUCT DESCRIPTION: 311EXT      SKU: 83073100259

MANUFACTURER INFORMATION:  
Bryson Industries, Inc  
416 Albertson Rd  
Thomasville, NC 27360  
888-875-9466  
info@brysonusa.com

24HR. EMERGENCY PHONE:  
CHEMTREC: 1-800-262-8200

**SECTION 2: HAZARDS IDENTIFICATION / EMERGENCY OVERVIEW**

**CARCINOGENIC EFFECTS:**      Ingredients not listed as carcinogen by OSHA, NTP or IARC.

**EYES:**      Vapors, liquid, mists and/or fumes may cause eye irritation with possible damage if not rinsed immediately.

**SKIN:**      Prolonged skin contact may cause mild irritation. Inflammation is characterized by itching, scaling, reddening or, occasionally blistering

**INHALATION:**      Prolonged overexposure to either vapor or mist may cause coughing.

**INGESTION:**      If swallowed, symptoms such as mouth and throat irritation, stomach cramps, stomach pain and nausea may occur.

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

This product is a blend, which may contain hazardous ingredients in certain concentrations. However, this product mixture in its "Ready to Use" concentration is not toxic or hazardous as defined by US Code 16 CFR 1500, EPA SARA 311/312 (Title III Hazard Categories) UN GHS ST/SG/AC.10/30Rev.3 (OSHA) or Canadian CCCR.

COMPONENT	C.A.S#	FROM %	TO%	NFPA RATING: HEALTH = 1 (MILD) FIRE / REACTIVE / SPECIAL = 0
Water	7732-18-5	>80	<99	
Isopropanol	67-63-0	>0	<5	
Propylene Glycol Ether	5131-66-8	>0	<5	
Sodium EDTA	64-02-8	>0	<5	
Alkyl Poly Glycoside	68515-73-1	>0	<5	



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### SECTION 4: FIRST AID MEASURES

EYES:	If contact with eyes, move victim away into fresh air. Flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention without delay.
SKIN:	Remove clothing and shoes. Exposed skin should be thoroughly rinsed with fresh water and mild soap. If irritation persists, consult a physician.
INGESTION:	Aspiration hazard: DO NOT induce vomiting. Rinse mouth but do not swallow. If vomiting occurs, place victim on left side with the head down to prevent stomach contents from entering lungs. Seek medical attention immediately.
INHALATION:	If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention.

### SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	>210°F / 99°C
FP METHOD:	PMCC, ASTM D93, EPA, 16 CFR 1500.43a
FLAMMABLE PROPERTIES:	OSHA Flammability Class: Not Applicable LEL (vol % in air): No Data UEL (vol % in air): No Data
UNUSUAL FIRE & EXPLOSION HAZARDS:	This material may burn, but will not ignite readily. Vapors are heavier than air and can accumulate in low areas. If containers are not properly cooled, they could rupture in heat of fire.
EXTINGUISHING MEDIA:	Dry Chemical, Carbon Dioxide or foam recommended. Foam may cause frothing of materials heated above 212°F (100°C). Water spray is not recommended except to cool containers. Carbon dioxide could displace oxygen. Use caution when applying carbon dioxide in confined spaces.
FIRE FIGHTING INSTRUCTIONS:	Emergency responders in the immediate hazard area should wear bunker gear. A Self contained breathing apparatus should be worn. Isolate hazardous area and remove unauthorized persons. Stop leak if possible without risk.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

SMALL SPILL OR LEAK:	Dilute with water and mop or absorb with inert dry materials. Place contaminated material into appropriate waste disposal container. Continue cleaning with water and dispose according to state and local authority requirements.
LARGE SPILL OR LEAK:	Absorb with inert dry materials. Place contaminated material into appropriate waste disposal container. Use suitable protective equipment. Do not release into environment.
CONTAINMENT METHODS:	Eliminate all ignition sources. Stop the flow of material if possible without risk. Prevent spilled material from entering sewage and drainage systems which lead to waterways.



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### SECTION 7: HANDLING AND STORAGE

**HANDLING:** Avoid prolonged contact with skin and clothing. Avoid contact with eyes. Do not ingest. Use in well ventilated area only for the purpose intended.

**STORAGE:** KEEP OUT OF REACH OF CHILDREN AND PETS. Store in cool, dry place with lid closed. If applicable; Turn nozzle to "OFF" position. Product will freeze. Store indoors, above freezing.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**INDUSTRIAL USE (BULK CONTAINERS):** Provide exhaust ventilation or other engineering controls to keep airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations are close to work station locations.

**RESIDENTIAL USE:** No Personal equipment required if used as directed.

**RECOMMENDED PERSONAL PROTECTION IN INDUSTRIAL ENVIRONMENT (BULK CONTAINERS):**

**EYES:** Safety glasses with side shields or goggles.

**SKIN:** Impervious gloves. Wear suitable protective clothing.

**RESPIRATORY:** Not required but may be worn

**GENERAL HYGIENE CONSIDERATIONS:** When using; do not eat, drink or smoke. Do not get into eyes. Avoid prolonged contact with skin. Wash hands and face immediately after handling product and before eating. Keep away from food and drink. Keep out of reach of children and pets.

**ISOPROPYL ALCOHOL:** ACGIH TLV/TWA=200 PPM 8 HOURS

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Clear Liquid

**COLOR:** Colorless

**ODOR:** Mild Odor

**PH:** 8.5

**SPECIFIC GRAVITY:** .99

**FLASH POINT:** >210°F / 99°C

**SOLUBILITY:** Completely Soluble in water

### SECTION 10: CHEMICAL STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Material is stable under normal conditions.

**CONDITIONS TO AVOID:** Freezing temperatures.

**INCOMPATIBLE MATERIALS:** Inorganic acids and bases. Oxidizing agents such as nitric acid, peroxides and chromates.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide. Organic compounds which may be toxic.

**HAZARDOUS POLYMERIZATION:** Will not occur.



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**SECTION 11: TOXICOLOGICAL INFORMATION**

ACCUTE EFFECTS: SKIN: Mildly irritating to skin.  
EYES: Contact with eyes may cause irritation  
CARCINOGENICITY: This material has not been identified as a carcinogen by NTP, IARC or OSHA.

**SECTION 12: ECOLOGICAL INFORMATION:**

DEGRADABILITY / OECD: Not determined or evaluated.  
US RCRA HAZARDOUS WASTE: Does not apply.

**SECTION 13: DISPOSAL CONSIDERATIONS:**

WASTE INFORMATION: Waste must be disposed of in accordance with Federal, State and Local environmental control regulations.  
DISPOSAL INSTRUCTIONS: Dispose in accordance with Federal, State and Local environmental control regulations.  
CONTANIMATED PACKAGING: Empty containers should be cleaned and sent for disposal or recycling center.

**SECTION 14: TRANSPORTATION INFORMATION:**

DOT – BASIC SHIPPING REQUIREMENTS: NOT REGULATED BY D.O.T.  
Material is unregulated unless shipped by land in single container having a capacity of 119 gallons or more. Then the provisions of 49 CFR, Part 130 apply

**SECTION 15: REGULATORY INFORMATION:**

**EPA SARA 311/312 (Title III Hazard Categories)**

-Acute Health: No  
-Chronic Health: No  
-Fire Hazard: No  
-Pressure Hazard: No  
-Reactive Hazard: No

**SARA – SECTION 313 AND 40 CFR 372:** None Known

**EPA (CERCLA):** None Known

**CALIFORNIA PROPOSITION 65:** Not subject to reporting requirements of California’s Proposition 65.

**SECTION 16: OTHER INFORMATION:**

NOTICE: The information contained herein should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. All information contained herein is offered in good faith and believed to be reliable as of the date of publication. However, no warranty is made as to the accuracy of and/or sufficiency of such information. The buyer must determine for themselves, by preliminary tests or otherwise, the suitability of this product for their purpose.