



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Citrusafe Grill Exterior Cleaner**

Revision Date: October 29, 2020

Chemical Description: Blend of surfactants and solvents

Manufacturer Information: Bryson Industries, Inc.
416 Albertson Rd
Thomasville, NC 27292
Main Telephone No. 336-931-0026
CHEMTREC-For Emergencies Only 1-800-424-9300 (24 hours), International 1-703-741-5970

SECTION 2: HAZARDS IDENTIFICATION/EMERGENCY OVERVIEW

Classification of the Substance or Mixture: **FLAMMABLE LIQUID – Category 4**

Hazard Pictograms: None

Signal Word: **WARNING**

Hazard Statements: Combustible liquid

SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS #</u>	<u>Percent by Weight</u>
Isopropanol	67-63-0	≤ 2.2 %

SECTION 4: FIRST AID MEASURES

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation continues, get medical attention.

Inhalation: If irritation continues, remove victim to fresh air and keep at rest in a position comfortable for breathing. In unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin Contact: If irritation continues, flush skin with plenty of water and see medical advice. Wash contaminated clothing thoroughly before reuse. Clean shoes thoroughly before reuse.

Ingestion: Wash out mouth with water. If irritation persists, move victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person.



5. FIRE FIGHTING MEASURES

Flammability of the Product	Combustible liquid.
Extinguishing Media	Small Fire: Use DRY chemical powder Large Fire: Use water spray, fog, or foam. Do not use water jet as an extinguisher, as this will spread the fire.
Protective Equipment for Firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Small Spill or Leak	Dilute with water and mop up or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary, use suitable protective equipment (Section 8). Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill or Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal container. Use suitable protective equipment (Section 8). Do not release into the environment.
Containment Methods	Stop the flow of material if this is without risk. Shut off all sources of ignition. Use spark-proof tools and explosion proof equipment. Prevent spilled material from entering sewage and drainage systems which lead to waterways. Contain and collect spillage with non-combustible, absorbent material, i.e. sand, earth, diatomaceous earth and place in a container for disposal according to local regulations. Contaminated absorbent material may pose the same hazard as the spilled product.

7. HANDLING AND STORAGE

Protective Measures:	Wear appropriate personal protective equipment. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Wear appropriate respirator when ventilation is inadequate. Do not enter storage spaces unless adequately ventilated. Keep in the original container and keep tightly closed when not in use. Store and use away from heat, sparks, open flame, or any other source of ignition. Empty containers retain product residue and can be hazardous. Do not reuse container. Remove contaminated clothing and protective equipment before entering eating areas. Workers should wash hands and face before eating, drinking, or smoking.
Conditions for Safe Storage	Do not store below 0°C (32°F). Store in accordance with local regulations. Store in a segregated area away from heat, sparks, open flame, or other sources of ignition. Store in original container protected from direct sunlight in a dry, cool, and well ventilated area, away from incompatible materials and food and drink. Separate from acids and oxidizing materials. Keep container closed and tightly sealed until ready for use. Use appropriate containment to avoid environmental contamination. Empty containers retain product residue and can be hazardous. Do not reuse container.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Ingredient</u>	<u>Exposure Limits</u>
Isopropanol	OSHA PEL 400 PPM TWA, ACGIH TLV 200 PPM TWA
Engineering Controls	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Use explosion-proof ventilation equipment.
Personal Protection	No personal protection is normally required. The following protection may be used;
Eyes	Chemical splash goggles and/or face shield may be used.
Skin	Permeation resistant gloves may be used.
Respiratory	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable), an approved respirator must be worn.
General Hygiene	When using, do not eat, drink, or smoke. Wash hands after handling, before breaks and before eating. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Bluish
Odor	Mild Odor
PH	8.5
Flash Point, °F	Non-Flammable
Evaporation Rate	(water = 1) >1
Specific Gravity	0.99
Solubility	Soluble in cold or hot water
Boiling Point	210 °F
Flash Point, closed cup	61°C

10. CHEMICAL STABILITY AND REACTIVITY

Reactivity	No specific test data for this product
Chemical Stability	Material is stable under normal conditions.
Conditions to Avoid	Extremes of temperature and direct sunlight.
Incompatible Materials	Inorganic acids and bases. Avoid contact with oxidizing agents (for example, nitric acid, peroxides, and chromates.)
Hazardous Decomposition Products	Carbon monoxide. Organic compounds which may be toxic.



Hazardous Polymerization Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Dermal contact. Eye contact. Inhalation. Ingestion.
Acute Effects-Skin	May cause mild skin irritation.
Acute Effects-Eyes	May cause eye irritation.
Acute Effects-Inhalation	Vapor may be irritating to the respiratory system.
Acute Effects-Ingestion	May be harmful if swallowed. May cause burns to mouth, throat, and stomach.

12. ECOLOGICAL INFORMATION

Degradability/OECD	Inherently biodegradable.
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13. DISPOSAL CONSIDERATIONS

Waste Information	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Waste must be disposed of in accordance with federal, state, and local environmental control regulations.
Disposal Instructions	Consult authorities before disposal. Incinerate the material under controlled conditions in an approved incinerator.
Contaminated Packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Dot Classification	Not regulated by DOT
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15. REGULATORY INFORMATION

U.S. Federal Regulations	TSCA: All intentionally present components are listed on the TSCA inventory. US EPA CERCLA Hazardous substances: No products were found. SARA Title III Section 302 Extremely Hazardous Substances: No products were found. SARA Title III Section 313 Toxic Chemicals: No products were found.
State Regulations	California Prop. 65: No products were found.



16. OTHER INFORMATION

Notice to the Reader: The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are 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 himself, by preliminary tests or otherwise, the suitability of this product for his purposes, including mixing with other products.