



1. Identification

Name of the product: Clean + Safe Bulk
 Product Identification Number(s): CT818A
 Recommended use: Surface wipe.
 Use not recommended: Any use around the eyes or close to an ignition source.
 Company: **Advantus Corporation**
12276 San Jose Blvd. Bldg. 618
Jacksonville, FL 32223

Telephone: 904-482-0091
 Fax number: 904-482-0099
 Emergency: 1-800-327-1237

Product Information: 904-482-0091
 Emergency Number: Chemtrec 800-424-9300

CPR STATEMENT: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

2. Hazard(s) identification

Emergency Overview

OSHA Hazards
 Flammable liquid, Irritant
 Other hazards which do not result in classification are: None.

GHS Classification

Flammable liquids (Cat. 3) H2265 Flammable liquid and vapor.
 GHS Label elements, including precautionary statements
 Pictogram:



Signal word: **Warning**

Hazard statements:

H226 Flammable liquid and vapor.
 H316 Causes mild skin irritation.
 H320 Causes eye irritation

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P261 Avoid breathing dust/ fume/ gas/ mist/ spray.
 P305 + P351 + P338
 if present and ea; IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

3. Composition / Information on ingredients

Chemical identity:	Ethanol	20%
Common name:	Ethyl alcohol	
Numbers of identity:	CAS 64-17-5 EC No. 200578-6	
Chemical identity:	Benzethonium chloride	0.17%
Common name:	Benzethonium chloride	
Numbers of identity:	CAS 8001-54-5	
Impurities:	None of toxicological or classification significance.	

Eye protection: Safety glasses with side-shields.

8. Exposure controls / personal protection (continued)

Skin and body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely; flame retardant and antistatic properties are recommended.

Hygiene measures

Wash hands and face before breaks and immediately after handling the product.

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance:	Clear, colorless liquid may be on a saturated pad.	
Odor:	Alcoholic	
Odor threshold:	no data available	
pH-value:	no data available	
Melting point:	no data available	
Freezing Point:	no data available	
Initial boiling point:	188°F (86.7°C) cc	
Flash point:	36°C (97°F) - closed cup, approx.	
Evaporation rate:	no data available	
Flammability (solid, gas):	Not applicable	
Explosion limits:	Lower: 3.3% Upper: 19 (Vol) Ethanol	
Vapor pressure: (highest partial vapor pressure) at 20°C:	28 mm Hg	
Vapor density:	>1	
Relative density (water=1.00):	0.98	Auto-ignition temperature: Not available
Solubility: Totally soluble in water at 20°C		Decomposition temperature: Not available
Partition coefficient: Log Kow =	Not applicable to mixture.	Viscosity: Like water

10. Stability and reactivity

Chemical stability: No decomposition, if used according to specifications.

Possibility of hazardous reactions: May form explosive mixture with air.

Conditions to avoid: Heat, flames and sparks. Extremes of temperature and direct sunlight.

Materials to avoid: Alkali metals, oxidizing agents, peroxides

Hazardous decomposition products: none anticipated

11. Toxicological information

There is no data available for the product.

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

	Ethanol
Oral Toxicity LD 50:	7,060 mg/kg (rat)
Dermal Toxicity LD 50:	no data available
Inhalation Toxicity, Vapor, LC50	20000 ppm 10 hr, rat
Eye Irritation (Rabbit)	Mild
Dermal Irritation (Rabbit)	None

Chronic Effects on Humans:

No ingredient in this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, or OSHA.

California Prop. 65 chemicals: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Signs and Symptoms of Exposure:

Central nervous system depression, prolonged or repeated exposure can cause nausea, dizziness,

Safety Data Sheet

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

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Replacing SDS dated: 'December 30, 2014

Note: The information in this SDS was obtained from current reputable and competent sources.

However, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).