



June 2016

## 1. Identification

Name of the product: **ReadRight HandKleen**

Product Identification Number(s): RR1460

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., Ste. 618  
Jacksonville, FL 32223**

Telephone: 904-482-0091

Fax number: 904-482-0099

Emergency: 1-800-327-1237

CHEMTREC (Transportation): 1-800-424-9300

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. 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). It is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulation.

## 2. Hazard(s) identification

"Consumer products" are exempt from the OSHA Hazard Communication Standard (29CFR 1910.1200) when used as intended as regards their consumer duration and frequency, according to the US Consumer Product Safety Safety Act definition. This SDS is provided to help in the safe and proper use of the product.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows: Not Classified

Signal Word	None
Hazard Statements	None
Hazard pictograms	None
Precautionary Statements -	None

## 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:	Benzalkonium chloride	0.17%
Common name:	Benzalkonium chloride	
Numbers of identity:	CAS 8001-54-5	

Impurities: None of toxicological or classification significance.

## 4. First-aid measures

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician.

IF ON SKIN: Wash with soap and water.

IF IN EYES: Rinse continuously with water for several minutes.

Remove contact lenses if present and easy to do; continue rinsing.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed: Severe eye irritation. Skin irritation.

## 5. Firefighting measures

**Suitable extinguishing equipment:**

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Emergency procedures:**

Eliminate ignition source. Evacuate unnecessary personnel. Call appropriate fire fighting crew.

Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen compounds

Use water spray to cool unopened containers.

## 6. Accidental release measures

Use personal protective equipment. Avoid breathing, mist or vapors. Ensure adequate ventilation.

Remove all sources of ignition. Evacuate personnel to safe areas. Be aware of possible accumulating vapors which could form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Contain spillage, and then absorb with industrial absorbent, or collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

See also Sec. 13.

## 7. Handling and storage

**Precautions for safe handling:**

Avoid contact with skin and eyes. Avoid inhalation of vapors or mist.

Keep away from sources of ignition - No smoking.

Prevent the build up of electrostatic charge.

**Conditions for safe storage:**

Keep container tightly closed in a dry and well-ventilated place.

Containers which have been opened must be resealed and kept upright to prevent leakage.

## 8. Exposure controls / personal protection

Information on the system design:

Product is intended for external use only. Stay up wind, out of any spray developed.

Exposure Limits:	Reference 29CFR 1910.1000 Table Z-1		
Component Name, CAS#	OSHA TWA	ACGIH TLV	
Ethanol 64-17-5	1,000 ppm	1,900 mg/m3	1,000 ppm
Benzethonium chloride 8001-54-5	NE		NE

NE= Not Established

**Personal protective equipment**

Respiratory protection: No requirement anticipated

Hand protection: Rubber gloves.

Eye protection: Safety glasses with side-shields.

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.



## 13. Disposal considerations

Burn in a chemical incinerator equipped with an afterburner and scrubber.  
 Dispose in accordance with local, state and federal regulations.

## 14. Transport information

### DOT (US) Non bulk shipment

Ethanol (solution)      UN number: 1170      Class: 3      Packing group: II

Reference: 173.150      Limited quantity: ORM-D

This section exempts a "Limited Quantity" shipment from:

- \* Detailed packaging specifications when packaged in combination packaging per §173.150(b)
- \* Placarding
- \* Labeling (except for air shipments)
- \* UN/NA markings (See §172.301(a))
- \* Emergency response telephone number on shipping papers (see §172.604(c)(1))

## 15. Regulatory information

OSHA Hazards: Hazard Communication Standard (29 CFR 1910.1200) for manufacturing facilities.

Flammable liquid, Target Organ Effect, Irritant

SARA 302 Components:      None

SARA 311/312 Hazards

Fire hazard, chronic health hazard

SARA 313 Components:      None

Inventory Status:      All components are on TSCA, EINECS/ELINCS, AICS, and DSL.

### Federal and State Regulations:

State Right to Know lists (RTK):      Ethanol (CAS 64-17-5): MA, PA, NJ

Water (CAS 7732-18-5): MA, PA, NJ

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Flammable liquid, Target Organ Effect, Irritant

WHMIS (Canada): CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F).

Material causing other toxic effects: None

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

## 16. Other information

SDS Preparation date:      June 13, 2016

SDS Code:      AC CT808

Revising SDS dated December June 15, 2015 by adding ORM-D shipping category.

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8,
Immediate	Yes	Yes	No	No	OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Delayed	No	No	No	No	
HMIS Hazard ratings: Health 1    Fire 3    Instability 0    Other B (Goggles, gloves)					
Hazard Ratings:    Least: 0    Slight: 1    Moderate: 2    High: 3    Extreme: 4					

HMIS® is a registered trade and service mark of the NPCA.

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).