



## CANBERRA CORPORATION SAFETY DATA SHEET

### 1. Identification

**Product Identifier:** HUSKY 815 HCD DISINFECTANT

**Application or recommended use:** Hard surface disinfectant cleaner

**Restrictions on use:** Do not use in any fashion not specified on the product label.

**Manufacturer / supplier:** Canberra Corporation

3610 N. Holland-Sylvania Rd.

Toledo, Ohio 43615 USA

**Telephone:** 419-841-6616 **Emergency phone:** 800-832-8992 **National Poison Center:** 800-222-1222

### 2. Hazards Identification

**GHS Classification:** Classification of this mixture in accordance with paragraph (d) of §1910.1200.

Oxidizing Liquids - Category 3

Acute Toxicity (Oral) - Category 4

Acute Toxicity (Dermal) - Category 4

Acute Toxicity (Inhalation) - Category 3

Skin Corrosion/Irritation - Category 1B

Eye Damage/Irritation - Category 1

#### Label Elements:



Symbol:

Signal word:

**DANGER**

Hazard statements:

May intensify fire, oxidizer.

Keep away from heat.

Store away from clothing/combustible materials.

Take any precaution to avoid mixing with combustibles. (Dilution with water is appropriate.)

Toxic if swallowed or if inhaled.

Harmful in contact with skin.

Causes severe skin burns and serious eye damage.

Precautionary statements: Do not breathe fume/mist/vapors/spray.

Wash hands, face and any skin contact thoroughly after handling.

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

Do not eat, drink or smoke when using this product.

Use only in a well-ventilated area.

**IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.**

Rinse mouth. Do NOT induce vomiting.

**IF ON SKIN (or hair):** Take off immediately all contaminated clothing and wash it before reuse.

Wash skin with soap and water/shower. **Immediately call a POISON CENTER or doctor/physician.**

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **Immediately call a POISON CENTER or doctor/physician.**

See [4. First-Aid Measures](#) for specific treatment.

In case of fire, use water spray to extinguish.

Store locked up. Dispose of contents/container to an approved disposal facility.

**Other Hazards:** None known

### 3. Composition / Information on Ingredients

**Chemical characterization:** Hydrogen peroxide, peroxyacetic acid solution

**Hazardous ingredients:** The exact percentage of composition has been withheld as a trade secret.

27.3% Hydrogen peroxide CAS 7722-84-1, EINECS/ELINCS 231-765-0

5.9% Peroxyacetic acid CAS 79-21-0, EINECS/ELINCS 201-186-8

5 - 7% Acetic acid CAS 64-19-7, EINECS/ELINCS 200-580-7

**Other ingredients (> 1%):**

> 55% Water CAS 7732-18-5, EINECS/ELINCS 231-791-2

**Version:** 001 **Date issued:** 31. 12. 2013

**Revision Date:** N/A

Page 1 of 4

#### **4. First-Aid Measures**

**Symptoms:** Toxic if swallowed or inhaled. Causes severe skin burns and serious eye damage. Harmful in contact with skin. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Eye Contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head below hips to reduce risk of aspiration. Probable mucosal damage may contraindicate the use of gastric lavage.

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth to an unconscious person. If respiratory irritation, dizziness, or unconsciousness occurs, seek immediate medical assistance.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

#### **5. Fire-Fighting Measures**

**Suitable Extinguishing Media:** Water spray, foam.

**Unsuitable Extinguishing Media:** High pressure water jet. **Specific hazards in case of fire:** Oxidizer, may intensify fire.

**Special Fire Fighting Precautions:** Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

#### **6. Accidental Release Measures**

**Emergency Procedures:** Depending on the extent of release, consider the need for emergency responders with adequate personal protective equipment for clean up, need for evacuation or restriction of access to spill area.

**Personal Precautions:** Provide adequate ventilation. Do not eat, drink or smoke during clean up. If necessary, use self-contained respirator, or filtered mask. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.

**Environmental Precautions:** Prevent spills from entering storm sewers/drains or contact with soil.

**Clean up Methods:** Small spills may be wiped up and rinsed with water. For larger spills, neutralize with sodium carbonate and absorb on fire retardant (e.g. sand). Pick up absorbent and dispose of at an appropriate waste disposal facility.

#### **7. Handling and Storage**

**Precautions for Safe Handling:** Never use with chlorine products. Can react to give chlorine gas. Do not breathe mist/vapors. Wash hands, face and any skin contact thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection, face protection. Use product only according to label directions. If unsure about safe use, contact your supervisor immediately. Use only in a well-ventilated area.

**Conditions for Safe Storage:** Keep out of reach of children. Do not contaminate water, food or feed by storage and disposal. Store locked up in original, properly sealed vented, container in a cool (10° - 30°C), well-ventilated area. Keep away from combustible materials. **Incompatibility:** Chlorine bleach.

#### **8. Exposure Controls / Personal Protection**

**Components with occupational exposure limits:**

Component	Reference	TWA (8 Hr)	PEL (8 Hr)	STEL (15 Min)
Acetic Acid	ACGIH	10 ppm		15 ppm
	OSHA		10 ppm	
Hydrogen Peroxide	ACGIH	1 ppm		
	OSHA		1 ppm	

**Engineering Controls:** Proper ventilation in accordance with good industrial hygiene should be provided.

**Personal Protective Equipment**

**Respiratory:** Respiratory protection is not necessary under normal conditions of use. If necessary to prevent exposure above occupational limits, use an approved cartridge style respirator.

**Gloves:** Use water impervious gloves (latex or neoprene rubber). No breakthrough time has been established.

**Eye Protection:** Chemical resistant goggles and face protection.

**Other:** Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals.

## **9. Physical and Chemical Properties**

<b>Physical State</b> -	Liquid	<b>Auto-ignition temperature</b> -	Not applicable
<b>Color</b> -	None	<b>Flash Point</b> -	85°C (PMCC)
<b>Odor</b> -	Pungent, vinegar	<b>Flammability</b> -	Not applicable
<b>Odor Threshold</b> -	No data available	<b>Flammability Limits</b> -	Not applicable
<b>Boiling Point</b> -	No data available	<b>Partition coefficient</b> -	Not applicable
<b>Decomposition temperature</b> -	No data available	<b>Solubility (Water)</b> -	Complete
<b>Freezing Point</b> -	< 0°F	<b>Vapor Density</b> -	No data available
<b>pH (Neat)</b> -	< 1	<b>Vapor Pressure</b> -	No data available
<b>pH (RTU)</b> -	2 - 3	<b>Viscosity</b> -	Water thin
<b>Relative Density</b> -	1.130 - 1.145	<b>% VOC</b> -	13 (Excluding LVP material)
<b>Evaporation Rate</b> -	Similar to water		

## **10. Stability and Reactivity**

**Reactivity:** Hydrogen peroxide may cause spontaneous combustion of organic materials, such as wood, paper, cloth.

**Incompatible materials:** Mixing with bleach or other chlorine sources may generate toxic gases. **Never use with chlorine products.** Can react to give chlorine gas.

**Chemical stability:** This product is stable at ambient temperatures and pressures.

**Conditions to avoid:** Temperatures above 35°C or below 10°C. **Hazardous decomposition products:** Acetic acid.

## **11. Toxicological Information**

**Acute Toxicity:** Toxicity data is not available for this mixture. Data below are estimates based on summation methods.

Test	Results	Classification (A.0.4.1(c))	Basis (A.1.3.6.1)
Oral	1623 mg/kg	Category 4	Ingredient literature (Additive formula)
Dermal	< 2000mg/kg	Category 4	Ingredient literature (Additive formula)
Inhalation	< 10 mg/L	Category 3	Ingredient literature (Additive formula)
Eye Damage/Irritation	Corrosion	Category 1	Ingredient literature
Skin Damage/Irritation	Corrosion	Category 1B	Ingredient literature

**Summary:** Skin and eye contact are most likely routes of exposure. Exposure causes skin burns and serious eye damage. May cause respiratory tract irritation.

### **Subchronic/Chronic Toxicity:**

Test	Results	Classification	Basis
Skin Sensitization	Not a sensitizer	Not applicable	Ingredient literature.

**Summary:** Repeated or prolonged contact causes skin burns and eye damage. May cause respiratory tract irritation.

**Carcinogens** - Hydrogen peroxide – IARC, ACGIH listed A3 as animal carcinogen. All other ingredients are not listed on the NTP Report on Carcinogens, IARC Monographs or by OSHA

**Other data** - No other toxicological information is available for this mixture.

## **12. Ecological Information**

This material has not been tested for acute environmental effects.

**Persistence and degradability:** Material is not persistent. All organic components > 1% are readily biodegradable.

**Bio-accumulative potential:** No evidence to suggest bio-accumulation will occur.

**Mobility:** Accidental spillage may lead to penetration of soil and groundwater. However, due to degradability, no evidence suggests this would cause adverse ecological effects. Material will lower pH of affected area.

## **13. Disposal Considerations**

RCRA Class – D001; D002. Do not contaminate water, food or feed by disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray, or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. **Container Disposal:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, burn. If burned, stay out of smoke. If container is one gallon or less, wrap empty container in plastic bag and discard in trash.

## **14. Transport Information**

**Proper Shipping Name:** UN3109 Organic Peroxide, liquid, Type F (Peroxyacetic acid, Type F, stabilized)

**RQ** - 5000 Lbs. (Acetic Acid); 300 Lbs. (Peracetic Acid)

**Shipping emergency phone:** 800-424-9300

**Transport hazard class:** 5.2 (8) **Hazard Label:** Oxidizer, Corrosive

**Packing Group:** II

**Emergency Guide No.:** 154

**Marine Pollutant:** No

## **15. Regulatory Information**

**Inventory status:** All components are listed on TSCA(US).

**FIFRA:** This product is a U.S. EPA Registered pesticide, EPA Reg. No. 10324-214-8155, and is subject to certain labeling requirements under Federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide products. The hazard information required on the pesticide label is reproduced here.

**Danger:** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. May be fatal if inhaled. Do not get into eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash it before reuse. Strong oxidizing agent. Mix only with potable water at 60 - 80°F. Never bring this product in contact with other sanitizers, cleaners or organic substances. The pesticide label also includes other important information, including directions for use.

**OSHA Hazard Communication Standard:** This product meets the §1910.1200 definition of a "Hazardous Chemical".

### **Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312**

<b>Immediate (Acute) Health Hazard</b>	Yes	<b>Delayed (Chronic) Health Hazard</b>	No
<b>Fire Hazard</b>	Yes	<b>Reactive Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No		

### **Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Section 313**

\*Chemicals marked with an asterisk in "**3. Composition/Information on Ingredients**" are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372.

### **Pennsylvania/New Jersey/Massachusetts Right to Know**

See "**3. Composition/Information on Ingredients**" for hazardous and top five ingredients over 1% (w/w).

**California Proposition 65:** This product does not contain a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

## **16. Other information**

**Date issued:** 31. 12. 2013

F815-001 Revision: N/A

**Disclaimer: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document.** The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material. **Prepared by:** R&D, Canberra Corporation