

MATERIAL SAFETY DATA SHEET

SECTION I – IDENTITY AND RESPONSIBLE PARTY INFORMATION

Responsible Party: **Canberra Corporation**

Product Name: **HUSKY 815 ULTRA SPRAY DISINFECTANT**

Address: **3610 Holland-Sylvania Rd.
Toledo, Ohio 43615**

Date Prepared: 4-1-01

Emergency Telephone No. **1-419-841-6616**
And Other Information

Prepared By Regulatory Affairs Department

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #'s	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Specific Chemical Identity: Common Name(s)					
Isopropyl alcohol	67-63-0	400ppm	400ppm	500ppmSTEL	63.25%
Quaternary Ammonium Compound	68424-85-1	N/A	N/A	N/A	<1%

***THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.**

HMIS RATING - HEALTH:1 FLAMMABILITY: 3 REACTIVITY: 0 PERSONAL PROTECTION EQPT: B

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: Approx 180° F	Specific Gravity (H ₂ O = 1): 0.875
Vapor Pressure (mm Hg): 33mm Hg at 20°C	Percent Volatile By Weight (%): 95%
PH (conc.): 6.0 - 7.5	Evaporation Rate (H ₂ O=1): Approx. 1
Solubility in Water: >10% in water	Appearance and Fragrance: Clear and alcohol with herbal scent

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) – 81°F closed cup mixture **Flammable Limits** – LEL – 2.0 UEL – 12.0
Extinguishing Media – Dry chemical or alcohol type foam. Waterspray may be ineffective. **Special Fire Fighting Procedures** – Use waterspray to cool fire-exposed surfaces and to protect personnel. **Unusual Fire and Explosion Hazards** – **WARNING!** This product is flammable. Respiratory protection required for fire fighting personnel. Stay upwind if possible. Cool exposed tanks with water.

SECTION V – PHYSICAL HAZARDS

Stability Unstable Conditions to Avoid – Danger when exposed to heat, flame or oxidizers.
Stable X

Incompatibility (Materials to Avoid) – Danger when exposed to heat, flame or oxidizers.

Hazardous Decomposition Products or By-products – Toxic gases and vapors may be released in a fire involving isopropyl alcohol.

Hazardous May Occur X Conditions to Avoid – Danger when exposed to heat, flame or oxidizers.
Polymerization Will not Occur

SECTION VI – HEALTH HAZARDS

Route(s) of Entry: Inhalation? X Skin? X Ingestion? X
Health Hazards (1. Acute and 2. Chronic) – **1. ACUTE:** Vapor irritates eyes, nose and throat. Liquid will temporarily damage eye tissue. **2. CHRONIC:** Prolonged and/or repeated skin contact may be irritating.
Chemical Listed as Carcinogen National Toxicology Program Yes No X I.A.R.C. Monographs Yes No X OSHA Yes No X
Signs and Symptoms of Exposure – Mild irritation of the eyes, nose and throat. Drowsiness, headache and incoordination may also occur. Swallowing isopropyl alcohol may cause drowsiness, unconsciousness and death.
Emergency and First Aid Procedures – **EYE CONTACT:** Flush with water for 15 minutes and call a physician. **SKIN CONTACT:** Flush with water. **INGESTION:** Medical attention. **INHALATION:** Expose to fresh air.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled – Remove all ignition sources. Ventilate area of spill or leak. Absorb & evaporate in a safe place. Prevent from entering sewers, water courses or low areas.

Waste Disposal Method – Absorb in vermiculate, dry sand, earth, or similar material and dispose in a secured sanitary landfill, or atomize in a suitable combustion chamber.

Precautions to be Taken in Handling and Storing – Keep closed, do not handle or store near flame, heat or strong oxidants. Adequate ventilation required.

Other Precautions – All handling equipment should be electrically grounded.

SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type) – Use approved respiratory protection such as air-supplied mask if used in an enclosed space.

Ventilation – X Local Exhaust – Face Velocity >60fpm in confined space Mechanical (General) – Explosion proof ventilation equipment. Special – N/A

Other – No smoking or open lights. Protective Gloves – Chemically resistant Eye Protection – Chemical splash goggles or face shield

Other Protective Clothing or Equipment - Not usually needed Work/Hygiene Practices – N/A

NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.

The goal of defining precisely, in measurable terms, every possible health effect that may occur in the workplace as a result of chemical exposures cannot realistically be accomplished. The information and recommendation contained in this Material Safety Data Sheet are supplied pursuant to 29 C.F.R. 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. Canberra Corporation, however, makes no representations as to the completeness or accuracy thereof, and information is supplied upon the express condition that the persons receiving the same will be required to make their own determination as to its suitability for their purposes prior to use. In no event will Canberra Corporation be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this Material Safety Data Sheet. The ultimate compliance with federal, state and local regulations concerning the use or disposal of this compound, or compliance with respect to products liability, rests solely upon the purchaser thereof.

N/A (Not Applicable/Not Available)

N/E (Not Established)