



## CANBERRA CORPORATION SAFETY DATA SHEET

### 1. Identification

**Product Identifier:** HUSKY 1240 FOAMING DISINFECTANT CLEANER

**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:** 866-836-8855

### 2. Hazards Identification

**GHS Classification:** Classification of this mixture in accordance with paragraph (d) of §1910.1200.  
Flammable Aerosols - Category 1  
Eye Damage/Irritation - Category 2A

#### Label Elements:



Symbol:

Signal word: **DANGER**

Hazard statements: Extremely flammable aerosol. Causes serious eye irritation.

Precautionary statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.  
Wash thoroughly after handling. Wear eye/face protection.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.  
See 4. First-Aid Measures for specific treatment.  
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
Dispose of contents/container to an approved disposal facility.

**Other Hazards:** None known.

### 3. Composition / Information on Ingredients

**Chemical characterization:** Mixture of water, emulsifiers, solvents and auxiliary agents.

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

2 - 10% 2-Butoxyethanol	CAS 111-76-2
1 - 2.5% Butane	CAS 106-97-8
1 - 2.5% EDTA-Tetrasodium	CAS 64-02-8

### 4. First-aid measures

**Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact:** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact:** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion:** Rinse mouth. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed:** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Indication of immediate medical attention and special treatment needed:** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

### 5. Fire-fighting measures

**Suitable extinguishing media:** Water.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** Contents under pressure. Pressurized container may explode when exposed to heat or flame.

**Special protective equipment and precautions for firefighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, and rubber boots.

**Fire-fighting equipment/instructions:** Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

**Specific methods:** Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes. **General fire hazards:** Extremely flammable aerosol.

## **6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.

**Methods and materials for containment and cleaning up:** Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

**Environmental precautions:** Avoid discharge into drains, water courses or onto the ground.

## **7. Handling and storage**

**Precautions for safe handling** Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities:** Level 1 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials.

## **8. Exposure controls/personal protection**

### **Occupational exposure limits**

#### **US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value
2-Butoxyethanol (CAS 111-76-2)	PEL	240 mg/m <sup>3</sup> (50 ppm)

#### **US. ACGIH Threshold Limit Values**

Components	Type	Value
2-Butoxyethanol (CAS 111-76-2)	TWA	20 ppm
Butane (CAS 106-97-8)	STEL	1000 ppm

#### **US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value
2-Butoxyethanol (CAS 111-76-2)	TWA	24 mg/m <sup>3</sup> (5 ppm)
Butane (CAS 106-97-8)	TWA	1900 mg/m <sup>3</sup> (800 ppm)

### **Exposure guidelines**

**US - California OELs: Skin designation**

**US - Tennessee OELs: Skin designation**

**US NIOSH Pocket Guide to Chemical Hazards: Skin designation**

#### **US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

2-Butoxyethanol: Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

2-Butoxyethanol: Skin designation applies.

**Appropriate engineering controls:** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

**Individual protection measures, such as personal protective equipment:**

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

**Hand protection:** Wear appropriate chemical resistant gloves.

**Other:** Wear suitable protective clothing.

**Respiratory protection:** If permissible levels are exceeded use organic vapor cartridge or an air-supplied respirator.

**General hygiene considerations:** When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## **9. Physical and chemical properties**

### **Appearance**

**Physical state:** Gas.

**Color:** Not available.

**Odor threshold:** Not available.

**Melting point/freezing point:** Not available.

**Flash point:** -156.0 °F (-104.4 °C) Propellant estimated.

**Evaporation rate:** Not available.

### **Upper/lower flammability or explosive limits**

**Flammability limit – lower (%):** Not available.

**Explosive limit - lower (%):** Not available.

**Vapor pressure:** 55 - 75 psig @70F estimated

**Relative density:** Not available.

**Solubility (water):** Not available.

**Auto-ignition temperature:** Not available.

**Viscosity:** Not available.

**Form:** Aerosol.

**Odor:** Not available.

**pH:** Not available.

**Initial boiling point/boiling range:** 212 °F (100 °C) estimated.

**Flammability:** Not available.

**Flammability limit – upper (%):** Not available.

**Explosive limit - upper (%):** Not available.

**Vapor density:** Not available.

**Specific gravity:** 0.979 estimated

**Partition coefficient (n-octanol/water):** Not available.

**Decomposition temperature:** Not available.

## **10. Stability and reactivity**

**Reactivity:** Reacts violently with strong acids. This product may react with oxidizing agents.

**Chemical stability:** Material is stable under normal conditions.

**Possibility of hazardous reactions:** Hazardous polymerization does not occur.

**Conditions to avoid:** Do not mix with other chemicals. Contact with incompatible materials.

**Incompatible materials:** Acids. Oxidizing agents.

**Hazardous decomposition products:** No hazardous decomposition products are known.

## **11. Toxicological information**

### **Information on likely routes of exposure:**

**Ingestion:** Expected to be a low ingestion hazard.

**Inhalation:** Prolonged inhalation may be harmful.

**Skin contact:** 2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

**Eye contact:** Causes serious eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics:** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

### **Information on toxicological effects:**

**Symptoms related to the physical, chemical and toxicological characteristics:** Headache. Irritation of nose and throat.

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing. Skin irritation.

**Acute toxicity:** Harmful if inhaled. Harmful if swallowed.

**Skin corrosion/irritation:** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation:** Causes serious eye irritation.

**Respiratory sensitization:** Not available.

**Skin sensitization:** This product is not expected to cause skin sensitization.

**Carcinogenicity:** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not listed.

**Reproductive toxicity:** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure:** Not classified.

**Specific target organ toxicity - repeated exposure:** Not classified.

**Aspiration hazard:** Not likely, due to the form of the product.

**Chronic effects:** Prolonged inhalation may be harmful. May be harmful if absorbed through skin. 2-Butoxyethanol may be absorbed through the skin in toxic amounts if contact is repeated or prolonged. Effects have not been observed in humans.

## **12. Ecological information**

**Ecotoxicity:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability:** No data is available on the degradability of this product.

**Bioaccumulative potential:** No data available.

**Partition coefficient n-octanol/water (log Kow):** 2-Butoxyethanol 0.83          Butane 2.89

**Mobility in soil:** No data available.

**Other adverse effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### **13. Disposal considerations**

**Disposal instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Waste from residues/unused products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

**Contaminated packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### **14. Transport information**

**DOT**    **UN number:** UN1950    **UN proper shipping name:** Aerosols, non-flammable    **Class:** 2.2  
**Subsidiary risk:** N/A    **Label(s):** 2.2    **Packing group:** Not applicable.  
**Special precautions for user:** Read safety instructions, SDS and emergency procedures before handling.  
**Packaging exceptions:** This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity.

### **15. Regulatory information**

#### **US federal regulations**

**FIFRA:** This product is a U.S. EPA Registered pesticide, EPA Reg. No. 706-65-8155, 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.

**OSHA:** This product is a "Hazardous Chemical" under the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA:** All components are on the U.S. EPA TSCA Inventory List.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4):** Not listed.

**SARA 304 Emergency release notification:** Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA): Hazard categories**

Immediate Hazard – Yes                      Delayed Hazard – No

Fire Hazard – Yes                              Pressure Hazard – No

Reactivity Hazard – No

**SARA 311/312 Hazardous chemical:** No

**SARA 313 (TRI reporting):** Not regulated.

#### **Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:** Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):** Butane (CAS 106-97-8)

**Safe Drinking Water Act (SDWA):** Not regulated.

#### **US state regulations**

**US. Massachusetts RTK - Substance List**

**US. New Jersey Worker and Community Right-to-Know Act**

**US. Pennsylvania Worker and Community Right-to-Know Law**

2-Butoxyethanol (CAS 111-76-2)                      Butane (CAS 106-97-8)

**US. Rhode Island RTK**

Butane (CAS 106-97-8)

**US. California Proposition 65:** California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### **16. Other information, including date of preparation or last revision**

**Date issued:** 01. 02. 2015                                      HSK-1240 Revision: N/A

**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. We cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.