

# Material Safety Data Sheet

Revision Date 27-Jan-2012

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** DL4650  
**Product name** BA-DA-BING Cherry Odor Counteractant  
**Recommended Use** Deodorizer  
**Supplier** Drummond American  
A Lawson Products Company  
600 Corporate Woods Parkway  
Vernon Hills, IL 60061  
(847) 913-9313  
**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**  
Irritant.

### Aggravated Medical Conditions

Pre-existing adverse medical conditions.

### Principal Routes of Exposure

Eyes. Ingestion. Inhalation. Skin contact.

### Potential health effects

**Eyes** Exposure to vapors may cause the following effects: Irritation. Tearing. Redness. Swelling. Blurred vision. Severity depends on degree of exposure.

**Skin** May cause the following effects: . Skin Irritation. Redness. Dermatitis. Chronic exposure causes drying effect on the skin .

**Inhalation** May cause the following effects. Irritation of the nose or throat. May cause irritation of respiratory tract. Headaches. Shortness of breath. Dizziness. Central nervous system effects.

**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Pulmonary edema. Central nervous system effects. Dizziness. Irritating to mouth, throat and stomach.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	70-90
Nonylphenol Ethoxylate	9016-45-9	3-8
Fragrance	Mixture	2-5
Isopropyl alcohol	67-63-0	3-8
Quaternary	Mixture	1-2

## 4. FIRST AID MEASURES

**General advice** Employ First Aid techniques recommended by the Red Cross.

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention immediately.

**Skin contact** Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing. Wash area thoroughly with soap and water. Seek medical attention if irritation persists.

**Ingestion** Never give anything by mouth to an unconscious person. Give several glasses of water. Do Not induce vomiting. Seek medical attention immediately.

**Inhalation** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Immediate medical attention is required.

**Notes to physician** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Flash point °C** 71  
**Flash point °F** 160  
**Method** No information available

**Autoignition temperature °C** Not Applicable  
**Autoignition temperature °F** Not Applicable

**Flammability Limits (% in Air)**  
**Upper** No data available  
**Lower** No data available

### Suitable extinguishing media

Water spray. Dry chemical. Carbon dioxide. Alcohol foam.

### Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

### Specific hazards

Keep product and empty container away from heat and sources of ignition.

### Fire and Explosion Hazards

Combustible liquid. Vapors are heavier than air and may travel along the ground to an ignition source distant from material handling area. Possible ignition sources include pilot lights, flames, lighted cigarettes, heating elements, electric motors, sparks from electrical switches. Empty containers contain residue and/or vapors. Do not weld, cut, pressurize, braze, solder, drill, grind, or expose such containers to heat, sparks, flame, static electricity, or other sources of ignition. They may explode and cause injury or death. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat . Do not release run-off from fire control methods to sewers or waterways. Evacuate area of unprotected and unnecessary personnel.

**Sensitivity to shock**

No information available.

**Sensitivity to static discharge**

No information available.

**6. ACCIDENTAL RELEASE MEASURES****Methods for cleaning up**

Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Eliminate all sources of ignition. Soak up with inert absorbent material. Prevent product from entering drains. Pick up and transfer to properly labeled containers. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs. Clean area with detergent and water after spill removal. Use caution as spill may create a slip hazard.

**7. HANDLING AND STORAGE****Handling**

Wear personal protective equipment. Use caution when handling. Avoid contact with skin, eyes and clothing. Do not swallow. Avoid breathing vapors or mists. Keep container closed when not in use. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such contents to heat, flames, and other sources of ignition. Remove and wash contaminated clothing before re-use. Always loosen closure cautiously when opening. Thoroughly wash hands and exposed skin after handling.

**Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight. Keep away from open flames, hot surfaces and sources of ignition. Store away from flammable and combustible materials. Do not store in unlabeled or mislabeled containers. Follow all label directions. Do not freeze. Keep out of the reach of children.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Water	-	-	-	-
Nonylphenol Ethoxylate	-	-	-	-
Isopropyl alcohol	400 ppm 980 mg/m <sup>3</sup>	-	200 ppm	400 ppm
Fragrance	-	-	-	-
Quaternary	-	-	-	-

**Ventilation and Environmental Controls**

Use enough ventilation, local exhaust at the work area, general, or both, to keep below the TLV's in the worker's breathing zone and the general area. General: as necessary.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

**Respiratory protection**

None necessary under normal conditions. Follow OSHA respirator regulations (29 CFR 1910.134) and if necessary, wear a MSHA/NIOSH approved respirator. Protection provided by air purifying respirators is limited. Use a positive pressure supplied air respirator. if there is any potential for an uncontrolled release. where exposure levels are not known. or other circumstances where an air purifying respirator (P100) may not provide adequate protection .

**Hand Protection**

Gloves are recommended to prevent prolonged or repeated contact. Chemical resistant gloves. Protective gloves.

**Eye protection**

Use safety eyewear designed to protect against splash of liquids.

**Skin and body protection**

Apron. Boots. Lightweight protective clothing.

**Other Protective Equipment**

A safety shower and eye wash station should be available for emergency use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	Liquid
Color	Clear Dark red
Odor	Strong Cherry
Odor Threshold	Not Applicable
pH	7.0
Specific Gravity	0.99
Vapor pressure	No data available
Vapor density	<1 (Air = 1)
Evaporation Rate	<1 (Butyl Acetate = 1)
Water solubility	80-90%
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	100
Boiling point/range °F	212
Melting point/range °C	-12 - -10
Melting point/range °F	10-20
Flash point °C	71
Flash point °F	160

**10. STABILITY AND REACTIVITY****Stability**

Stable under normal conditions.

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Cherry Odor Counteractant**

**Conditions to avoid**

Avoid extreme heat. > 160F. Avoid contact with any reactive metals. Do not apply to hot surfaces. Direct sunlight.

**Incompatibility**

Strong oxidizing agents. Acids. Halogens.

**Hazardous Decomposition Products**

Carbon dioxide. Carbon monoxide.

**Polymerization**

Hazardous polymerization does not occur.

**11. TOXICOLOGICAL INFORMATION**

**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Water 7732-18-5	90 mL/kg	-	-
Nonylphenol Ethoxylate 9016-45-9	1310 mg/kg	2 mL/kg	-
Isopropyl alcohol 67-63-0	4396 mg/kg	12800 mg/kg 12870 mg/kg	72.6 mg/L
Fragrance Mixture	-	-	-
Quaternary Mixture	-	-	-

**Synergistic Products** None known

**Potential health effects**

- Sensitization** None known
- Chronic toxicity** See Section 2 .
- Mutagenic effects** None known
- Teratogenic effects** None known
- Reproductive toxicity** None known
- Target Organ Effects** See Section 2
- Carcinogenic effects** See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Water	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Nonylphenol Ethoxylate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Isopropyl alcohol	A4	Not Listed	Not Listed	Not Listed	Not Listed

Fragrance	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Quaternary	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

**12. ECOLOGICAL INFORMATION**

Isopropyl alcohol

**Microtox Data**

*Photobacterium phosphoreum* EC50=35390 mg/L (5 min)

**Water Flea Data**

*Daphnia magna* hEC50 48 (13299 mg/L)

**13. DISPOSAL CONSIDERATIONS**

**Disposal Information**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Carefully follow label instructions for disposal .

**Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations. Small amounts of material can be disposed of as common waste. Large volumes may require special handling. Can be incinerated, when in compliance with local regulations.

**14. TRANSPORTATION INFORMATION**

**DOT**

Not Regulated

**TDG**

Not Regulated

**15. REGULATORY INFORMATION**

**US EPA SARA 313**

Chemical Name	US EPA SARA 313 Emission Reporting
Isopropyl alcohol	Listed

**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Water	Not Listed	Not Listed	Not Listed
Nonylphenol Ethoxylate	Not Listed	Not Listed	Not Listed
Isopropyl alcohol	Listed	Listed	Not Listed
Fragrance	Not Listed	Not Listed	Not Listed
Quaternary	Not Listed	Not Listed	Not Listed

**International Inventories**

Chemical Name	EINECS	DSL	NDSL	TSCA
Water	X	X	-	X

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Chemical Name	EINECS	DSL	NDSL	TSCA
Nonylphenol Ethoxylate	-	X	-	X
Isopropyl alcohol	X	X	-	X
Fragrance	-	-	-	-
Quaternary	-	-	-	-

**CPR**

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

**16. OTHER INFORMATION**

**NFPA**

Health - 1  
Flammability - 2  
Reactivity - 0

**HMIS**

Health - 1  
Flammability - 1  
Physical Hazard - 0

**Prepared By**

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Specialist

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.