

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Carpet Deodorizer (All  
Fragrances) Aerosol  
Product Number: C304-12, C305-12, C307-12, C308-12  
Synonyms: SOLUTIONS THAT MAKE SCENTS (ALL  
FRAGRANCES) AEROSOL  
CAS Number: Blend

HARRIS RESEARCH, INC.

### Company Identification

Harris Research, Inc.  
1530 North 1000 West  
Logan, UT 84321 USA  
1-435-755-0099 (For product information)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
DIMETHYL ETHER	10.0 - 30.0 %	115-10-6
FRAGRANCE	1.0 - 5.0 %	
WATER	60.0 - 100.0 %	7732-18-5
SECONDARY ALCOHOL ETHOXYLATE	1.0 - 5.0 %	84133-50-6
STYRENE - MALEIC ANHYDRIDE COPOLYMER, SODIUM SALT	5.0 - 10.0 %	52500-92-2

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

### HAZARDS DISCLOSURE

### MISCELLANEOUS:

The identity of the fragrance is proprietary information and is regarded to be a trade secret.



### 3. HAZARDS IDENTIFICATION

```
***** EMERGENCY OVERVIEW *****
*
* CAUTION
*
* May cause skin, eye, or respiratory tract
* irritation.
*
*****
```

HMIS Rating - Health: 1  
Flammability: 1  
Reactivity: 0

NFPA Rating - Health: 1  
Flammability: 1  
Reactivity: 0

#### POTENTIAL HEALTH EFFECTS

**EYE:**  
May cause irritation and redness.

**SKIN:**  
May cause irritation and redness.

**INHALATION:**  
Inhalation of high vapor concentrations may result in headaches, nausea, and vomiting.

Vapors may irritate respiratory tract.

**INGESTION:**  
Harmful if swallowed.

### 4. FIRST AID MEASURES

**EYE CONTACT FIRST AID:**  
Flush eye with water for 15 minutes.

If irritation persists, obtain medical advice.

**SKIN CONTACT FIRST AID:**  
Wash skin with soap and water.



(section 4 continued)

Remove contaminated clothing.

If irritation persists, obtain medical advice.

**INHALATION FIRST AID:**

If inhaled, remove to fresh air.

Call a physician if necessary.

**INGESTION FIRST AID:**

If swallowed, do NOT induce vomiting.

Give milk or water to dilute.

Call a physician or poison control center immediately.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES**

COC Flash Point: > 100 C (> 212.0 F)

Autoignition Temperature: N/A

**FLAMMABLE LIMITS IN AIR**

LEL: %

UEL: %

**EXTINGUISHING MEDIA:**

Carbon dioxide, foam, or dry powder.

## 6. ACCIDENTAL RELEASE MEASURES

**INITIAL CONTAINMENT:**

Use absorbents to contain spill.

Place in waste disposal drum and clean area with water.

## 7. HANDLING AND STORAGE

**HANDLING (PERSONNEL):**

Avoid contact with skin and eyes.

**STORAGE PRECAUTIONS:**

Contents under pressure. Avoid extreme temperatures.



## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses.

### MISCELLANEOUS:

Wear protective rubber gloves.

### EXPOSURE GUIDELINES:

No Information Available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM .....: Liquid  
COLOR .....: Light Amber  
ODOR .....: Dependent on fragrance  
VAPOR DENSITY .....: >1 (Air = 1)  
SOLUBILITY IN WATER ...: soluble  
SPECIFIC GRAVITY .....: 1.03 (Water = 1)  
PH .....: 8.5 - 9.5  
% VOLATILES .....: >90 %

## 10. STABILITY AND REACTIVITY

### STABILITY:

Stable.

### POLYMERIZATION:

Hazardous polymerization will not occur.

### INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents.

### DECOMPOSITION:

Oxides of carbon and nitrogen.

## 11. TOXICOLOGICAL INFORMATION

### Carpet Deodorizer (All Fragrances) Aerosol

Test Code: Acute oral LD50

Species: Rat

Results: > 5 g/kg



## 12. ECOLOGICAL INFORMATION

### Secondary alcohol ethoxylate

Test Code: LC50  
Species: Daphnia magna  
Results: 7.1 to 10.7 mg/L/48 H

## 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

## 14. TRANSPORTATION INFORMATION

PRODUCT LABEL .....: Carpet Deodorizer (All Fragrances) Aerosol  
D.O.T. SHIPPING NAME ...: Consumer commodity  
D.O.T. HAZARD CLASS ....: ORM-D

### MISCELLANEOUS:

IATA Shipping Classification:

Aerosols, flammable, 2.1, UN1950, Packaging Instructions Y203, Limited Quantity.

IMO/IMDG Shipping Classification:

AEROSOLS (maximum 1 litre), 2.1, UN1950, Limited Quantity.

EmS No.: 2-13.

Note: See IMDG Code 3.4.

## 15. REGULATORY INFORMATION

### REGULATORY LISTS SEARCHED:

01 = SARA TITLE III SECTION 302	02 = SARA Title III Section 313
03 = RCRA HAZARDOUS WASTE CODES	04 = CERCLA Hazardous Substances
05 = CLEAN AIR ACT	06 = California Prop. 65

### EEC Symbols and Indications of Danger:

None

### R-Phrases:

R36/37/38 - Irritating to eyes, respiratory system, and skin.



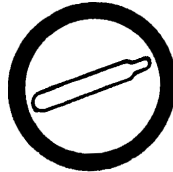
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**S-Phrases:**

S24/25 - Avoid contact with skin and eyes.  
S15 - Keep away from heat.

**WHMIS Hazard Symbols:**

Class A - Compressed Gas



**MISCELLANEOUS INFORMATION:**

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

Dimethyl Ether can be found on the following state right-to-know lists: Florida, Massachusetts, and Pennsylvania.

**16. OTHER INFORMATION**

PREPARED BY .....: Edward Durrant  
APPROVED BY .....: Dale Jensen  
TITLE .....: Product Development Manager  
APPROVAL DATE .....: January 4, 2008  
SUPERCEDES DATE ...: May 19, 2006  
RTN NUMBER .....: 00000032 (Official Copy)

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**END OF MSDS**  
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