

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Dust Mite Anti-Allergen Aerosol
Product Number: C030-12
Chemical Family: Nonionic surfactant solution
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>
WATER	60.0 - 100.0 %	7732-18-5
TERNARY NON-IONIC SURFACTANT COMPOUND	1.0 - 5.0 %	PROPRIETARY
DIMETHYL ETHER (PROPELLANT)	10.0 - 30.0 %	115-10-6

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
*
* CAUTION *
*
* May cause skin and eye irritation. *
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*****
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(section 3 continued)

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

POTENTIAL HEALTH EFFECTS

EYE:

May cause irritation.

SKIN:

Can cause skin irritation.

INHALATION:

Avoid breathing vapors or mists.

INGESTION:

May be irritating to mouth, throat, and stomach.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Flush eye with water for 15 minutes.

SKIN CONTACT FIRST AID:

Wash affected area with water.

INHALATION FIRST AID:

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen.

INGESTION FIRST AID:

Ingestion is not considered a potential route of exposure.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

FLAMMABLE PROPERTIES:

Aqueous solution in a flammable propellant (flashpoint = -42 F).



(section 5 continued)

EXTINGUISHING MEDIA:

Foam, water fog, dry chemical.

FIRE & EXPLOSION HAZARDS:

Temperatures above 130 F may cause cans to burst.

MISCELLANEOUS:

Water spray may be used to cool cans in the vicinity of fire or excessive heat.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Protect skin and eyes from exposure.

INITIAL CONTAINMENT:

Floor may become slippery.

SMALL SPILLS PROCEDURE:

Absorb spills with inert material.

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

ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control airborne levels.

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses.

SKIN PROTECTION REQUIREMENTS:

Wash hands thoroughly after handling.

RESPIRATORY PROTECTION REQUIREMENTS:

Under normal use conditions, with adequate ventilation, no special handling equipment is required.



(section 8 continued)

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Clear Liquid
COLOR: Colorless
BOILING POINT: 100 C
SOLUBILITY IN WATER ...: Complete
SPECIFIC GRAVITY: 1.018 (Water = 1)
PH: 3 - 4

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Product will not undergo polymerization.

11. TOXICOLOGICAL INFORMATION

Dimethyl ether (Propellant)

Test Code: Inhalation LC50

Species: Rat

Results: 164,000 ppm 4H

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Neutralize with weak base (e.g., baking soda) and flush to sewer.



14. TRANSPORTATION INFORMATION

PRODUCT LABEL: Dust Mite Anti-Allergen Aerosol
D.O.T. SHIPPING NAME ...: Consumer commodity
D.O.T. HAZARD CLASS: ORM-D
D.O.T. LABEL: None

MISCELLANEOUS:

DOT Shipping Exception: 49CFR 173.306.

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:

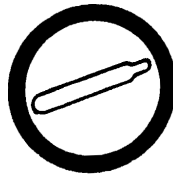
None

S-Phrases:

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

WHMIS Hazard Symbols:

Class A - Compressed Gas



(section 15 continued)

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).

16. OTHER INFORMATION

PREPARED BY: Edward Durrant
APPROVED BY: Dale Jensen
TITLE: Product Development Manager
APPROVAL DATE: January 4, 2008
SUPERCEDES DATE ...: March 29, 2006
RTN NUMBER: 00000100 (Official Copy)

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