

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Fabric Protector Aerosol
Product Number: C250-12
Chemical Family: Fluorochemical in mixed solvent
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>
SYNTHETIC ISOPARAFFINIC HYDROCARBON	60.0 - 100.0 %	64742-48-9
PETROLEUM DISTILLATES	1.0 - 5.0 %	8052-41-3
BUTYL ACETATE	1.0 - 5.0 %	123-86-4
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 *****
*
* WARNING *
*
* Flammable aerosol. *
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(section 3 continued)

NFPA Rating - **Health: 2**
 Flammability: 2
 Reactivity: 0
 Special Hazard: None

POTENTIAL HEALTH EFFECTS

EYE:

May cause slight irritation.

SKIN:

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). May be absorbed through the skin in harmful amounts.

INHALATION:

High concentrations in immediate area can displace oxygen and can cause dizziness, unconsciousness, and even death with longer exposure.

INGESTION:

Swallowing the liquid may result in vomiting. If vomiting occurs spontaneously, do not allow vomitus to be breathed into the lungs.

CARCINOGENICITY INFORMATION:

NTP: No IARC: No OSHA: No.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing eye and skin disorders may be aggravated.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Flush eye with water for 15 minutes. Get medical attention.

SKIN CONTACT FIRST AID:

Wash with soap and water.

INHALATION FIRST AID:

If exposed to excessive levels of fumes, remove to fresh air.

INGESTION FIRST AID:

If swallowed, do NOT induce vomiting. Contact a physician.



5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

PMCC Flash Point: 46.7 C (116.1 F)
Autoignition Temperature: None

FLAMMABLE LIMITS IN AIR

LEL: N/A
UEL: N/A

EXTINGUISHING MEDIA:

Carbon dioxide, foam, or dry powder.

FIRE & EXPLOSION HAZARDS:

Combustible Liquid.

MISCELLANEOUS:

Flashpoint of propellant is -42 F.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Eliminate all sources of ignition - heat, sparks, flame, and electricity.

LARGE SPILLS PROCEDURE:

Avoid runoff into storm sewers and ditches which lead to waterways.

SMALL SPILLS PROCEDURE:

Absorb spills with inert material.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid breathing vapor.

HANDLING (PHYSICAL ASPECTS):

Eliminate all sources of ignition - heat, sparks, flame, and electricity.

STORAGE PRECAUTIONS:

Store in a cool dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use only with adequate ventilation.



(section 8 continued)

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses.

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination.

RESPIRATORY PROTECTION REQUIREMENTS:

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

EXPOSURE GUIDELINES:

Synthetic isoparaffinic hydrocarbon

OSHA PEL: 300 (Exxon) ppm

Petroleum distillates

Immediate Lethal Dosage: 20000 mg/m³

OSHA TWA: 500 ppm, 2900 mg/m³

ACGIH TWA: 100 ppm, 525 mg/m³

OSHA Ceiling Limit: 1800 mg/m³

Butyl acetate

Immediate Lethal Dosage: 1700 ppm

OSHA TWA: 150 ppm, 710 mg/m³

ACGIH TWA: 150 ppm, 713 mg/m³

ACGIH STEL: 200 ppm, 950 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Colorless
ODOR: Hydrocarbon
BOILING POINT: >125 C
VAPOR PRESSURE: >12.5 psia @ 25 C
VAPOR DENSITY: 4.8 (Air = 1)
SOLUBILITY IN WATER ...: Insoluble
SPECIFIC GRAVITY: 0.8 (Water = 1)
% VOLATILES: 95 %
EVAPORATION RATE: 0.17

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Hazardous polymerization will not occur.



(section 10 continued)

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents.

DECOMPOSITION:

In the case of fire, hydrogen fluoride may be produced.

CONDITIONS TO AVOID:

Heat, sparks, and open flames.

11. TOXICOLOGICAL INFORMATION

Synthetic isoparaffinic hydrocarbon

Test Code: Oral LD50
Description: Mammalian Data
Results: >10 gm/kg

Test Code: Dermal LD50
Description: Mammalian data
Results: >3000 mg/Kg

Test Code: Inhalation LC50
Description: Mammalian data
Results: >975 ppm

Petroleum distillates

Test Code: Oral LD50
Species: Rat
Results: >5000 mg/Kg

Butyl acetate

Test Code: Oral LD50
Species: Rat
Results: 10768 mg/Kg

12. ECOLOGICAL INFORMATION

Synthetic isoparaffinic hydrocarbon

Test Code: Acute Aquatic Toxicity (96 hr.)
Species: Chaetogammarus marinus
Results: 100 mg/L No Observed Effect



13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

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

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: Fabric Protector Aerosol
D.O.T. SHIPPING NAME ...: Consumer commodity
D.O.T. HAZARD CLASS: ORM-D
D.O.T. LABEL: None

MISCELLANEOUS:

See DOT Exception: 49CFR 173.306 (h).

IATA Shipping Classification:

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

IMO/IMDG Shipping Classification:

AEROSOLS (maximum 1 litre), 2, UN1950, Limited Quantity.

EmS Number: 2-13.

Note: See IMDG Code 3.4.6.3.

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:

EU Highly Flammable (F)



R-Phrases:

R10 - Flammable.



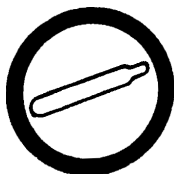
(section 15 continued)

S-Phrases:

- S23.2 - Do not breathe vapor.
- S24 - Avoid contact with skin.
- S62 - If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
- S16.1 - Keep away from sources of ignition.

WHMIS Hazard Symbols:

Class A - Compressed Gas, Class B - Flammable and Combustible Material



Canadian Disclosure List

- Petroleum distillates (8052-41-3)
- Butyl acetate (123-86-4)

CERCLA Hazardous Substances

- Butyl acetate (123-86-4) -- RQ 5000 lb

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).

Petroleum distillates and butyl acetate can be found on the following state right-to-know lists: California, New Jersey, Florida, Pennsylvania, Minnesota, and Massachusetts.

16. OTHER INFORMATION

PREPARED BY: Edward Durrant
APPROVED BY: Dale Jensen
TITLE: Product Development Manager
APPROVAL DATE: April 4, 2006
SUPERCEDES DATE ...: August 21, 2003
RTN NUMBER: 00000098 (Official Copy)

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