

MATERIAL SAFETY DATA SHEET



ENVY FOAMING DISINFECTANT CLEANER

| | | | |
|-------------|---|------|-------------------------------|
| HMIS | | NFPA | Personal protective equipment |
| Health | 1 | 1 | None / Aucune / Ninguno |
| Fire Hazard | 4 | 4 | |
| Reactivity | 0 | 0 | |

Version Number: 1

Preparation date: 2007-01-23

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ENVY FOAMING DISINFECTANT CLEANER

MSDS #: 114530013

Product code: 04531

Recommended use: Disinfectant.

Manufacturer, importer, supplier:

US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-877-870-2318
MSDS Internet Address:
www.johnsondiversev.com

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN. CONTENTS UNDER PRESSURE.

Principle routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Eye contact: Moderately irritating to the eyes.

Skin contact: May be mildly irritating to skin.

Inhalation: None known.

Ingestion: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

| Ingredient(s) | CAS # | Weight % | LD50 Oral - Rat | LD50 Dermal - Rabbit | LC50 Inhalation - Rat |
|---|------------|----------|-----------------|----------------------|-----------------------|
| Dipropylene glycol methyl ether | 34590-94-8 | 1 - 5% | =5230 mg/kg | =9500 mg/kg | Not available |
| N-alkyl dimethyl benzyl ammonium chlorides | 68391-01-5 | 0.106 | Not available | Not available | Not available |
| N-alkyl dimethyl ethylbenzyl ammonium chlorides | 68956-79-6 | 0.106 | Not available | Not available | Not available |
| Isobutane | 75-28-5 | 1 - 5% | Not available | Not available | =658 mg/L (4 h) |

4. FIRST AID MEASURES

Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. If irritation persists, get medical attention.

Skin contact: Rinse skin immediately with plenty of water for 15-20 minutes. If irritation develops, get medical attention.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention.

Ingestion: If swallowed, give a cupful of water or milk.

Aggravated Medical Conditions: None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, water spray, foam.

Specific hazards: NFPA 30B Level 1 Aerosol.

Unusual hazards: None known.

Specific methods: Aerosol Product - Containers may rocket or explode in heat of fire.

5. FIRE-FIGHTING MEASURES

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

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation. Remove all sources of ignition.
Environmental precautions and clean-up methods: Remove all sources of ignition. Use appropriate containment to avoid environmental contamination. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from open flames, hot surfaces and sources of ignition. CONTENTS UNDER PRESSURE. Do not puncture or incinerate. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 degrees C or 120 degrees F. Do not pierce or burn, even after use. Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. NFPA 30B Level 1 Aerosol . KEEP OUT OF THE REACH OF CHILDREN.

8. EXPOSURE CONTROLS // PERSONAL PROTECTION

Engineering measures to reduce exposure:
No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection: No special requirements under normal use conditions.
Hand protection: No special requirements under normal use conditions.
Skin and body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

| Ingredient(s) | CAS # | ACGIH | OSHA | Mexico |
|---------------------------------|------------|---------------------------------|------|---|
| Dipropylene glycol methyl ether | 34590-94-8 | 150 ppm (STEL) 100 ppm (TWA) | | 150 ppm (STEL) 900 mg/m ³ (STEL) 60 mg/m ³ (TWA) 100 ppm (TWA) |
| Isobutane | 75-28-5 | 1000 ppm (TWA) | | |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|--|
| Physical State: Aerosol | Bulk density: No information available |
| pH: 12.4 | Dilution pH: No information available. |
| Appearance: Aerosol | Vapor density: No information available |
| Color: White | Evaporation Rate: No information available |
| Odor: Lemon | Boiling point/range: Not determined |
| Specific gravity: 0.98 | Melting point/range: Not determined |
| Density: 8.15 lbs/gal | Decomposition temperature: Not determined |
| VOC: 6.9% * | Autoignition temperature: No information available |
| Flash point: <20 (°F) <-6 (°C) | Partition coefficient (n-octanol/water): No information available |
| Solubility: Easily soluble | Solubility in other solvents: No information available |
| Viscosity: No information available | |

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur
Hazardous decomposition products: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg
Component Information: See Section 3
Chronic toxicity: None known

11. TOXICOLOGICAL INFORMATION

Specific effects

| | |
|------------------------|------------|
| Carcinogenic effects: | None known |
| Mutagenic effects: | None known |
| Reproductive toxicity: | None known |
| Target organ effects: | None known |

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal

Pesticide Storage:

Store in a dry place no lower in temperature than 50°F or higher than 120°F.

Pesticide Disposal:

If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal:

DO NOT PUNCTURE. This container may be recycled in aerosol recycling centers.

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS).

U.S. Regulations

EPA Reg. No. : 70627-35

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

CERCLA/ SARA

None

SARA 311/312 Hazard Categories

| | |
|-----------------------------|---|
| Immediate: | X |
| Delayed: | - |
| Fire: | X |
| Reactivity: | - |
| Sudden Release of Pressure: | X |

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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