



PRODUCT SAFETY DATA SHEET

Print date: 14 Jul 2008

1. PRODUCT AND COMPANY IDENTIFICATION

Item Number / Product code: 0140491

Product name: PROFESSIONAL AMPHYL® II DISINFECTANT DEODORANT SPRAY (AEROSOL)

Validation / Revision Date: 14 July 2008

EPA Identifier: EPA Reg. Number 777-72-675

Formula Number: 1314-003 (0140491) Original scent.

UPC Number and Size: 36241-08300 (13 oz.) Aerosol.

Product Description: Disinfectant aerosol spray.

Manufacturer: Reckitt Benckiser North America, Inc.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225

Emergency Telephone Number: 1-800-228-4722 (U.S)

Transportation Emergencies: 1-800-424-9300 (U.S. & Canada) CHEMTREC
Outside the U.S. and Canada (North America), call: 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Components: | Wt % | ACGIH: | OSHA: |
|---|-------|--|--|
| ETHANOL SDA 40-2 95% 64-17-5 | 83-88 | TWA (TLV): 1000 ppm @10 | TWA (PEL): 1000 ppm @10 TWA (PEL): 1900 mg/m ³ @10 |
| ETHANOL SDA 40-2 (200 PROOF) 64-17-5 | 0-0.5 | TWA (TLV): 1000 ppm @10 | TWA (PEL): 1000 ppm @10 TWA (PEL): 1900 mg/m ³ @10 |
| N-ALDIMETHBENZAMMSAC 33% 68989-01-5 | 0-0.2 | None | None |
| CARBON DIOXIDE PROPELLANT 124-38-9 | 4 | STEL: 30000 ppm @10 TWA (TLV): 5000 ppm @10 | TWA (PEL): 5000 ppm @10 TWA (PEL): 9000 mg/m ³ @10 |

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING:

Causes eye irritation.

Do not spray in eyes, on skin or on clothing.

FLAMMABLE !

Contents under pressure. Do not use near open fire, flames or heat.

DO NOT puncture or incinerate. DO NOT expose to heat, flame or sparks.

Do not store product at temperatures above 55° C (130° F), as container may burst.

Do not use on polished wood, painted surfaces, leather, rayon fabrics or acrylic plastics.

KEEP OUT OF REACH OF CHILDREN

4. FIRST AID MEASURES

| | |
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| Inhalation: | Move to fresh air. |
| Skin contact: | In keeping with good hygienic practices, wash exposed areas with soap and water. |
| Eye contact: | In case of eye contact, hold eyes open and IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. If irritation occurs or persists, get medical attention. |
| Ingestion: | If swallowed, rinse mouth with water (only if person is conscious). Call a physician or Poison Control Center immediately. Contains denatured ethanol; ingestion may result in ethanol poisoning. Never give an unconscious person anything to ingest. |
| Notes to physician: | Contains denatured ethanol; ingestion may result in ethanol poisoning |
| Aggravated Medical Conditions: | No information available. |

5. FIRE-FIGHTING MEASURES

| | |
|---|---|
| Flash point: | FLAMMABLE AEROSOL. |
| Flammability Limits in Air: | |
| Lower: | 3.3% in Air. |
| Upper: | 19% in Air. |
| Autoignition temperature: | No information available. |
| Suitable extinguishing media: | As suitable for surrounding fire. |
| Extinguishing media which must not be used for safety reasons: | No information available. |
| Specific hazards: | Extremely flammable. Contents under pressure. Exposure to temperatures above 55° C (130° F) may cause bursting. See Section 3, Hazards Identification. |
| Unusual hazards: | Move containers away from fire if possible and safe to do so. Use water spray to cool fire exposed containers. Provide shielding for personnel exposed to venting, rupturing or bursting containers |
| 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 methods: | Standard procedure for chemical fires. |
| NFPA Aerosol Level: | Flammability Rating 2, per NFPA 30B. |
| NFPA: | Health: 2 Flammability: 2 Instability: 0 |
| HMS: | Health: 2 Flammability: 3 Reactivity: 0 |
| Key: | Personal Protection Index = B. (Also see Sections 3 & 8) |

6. ACCIDENTAL RELEASE MEASURES

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|-----------------------------------|--|
| Personal precautions: | Ensure adequate ventilation. |
| Environmental precautions: | Do not allow material to contaminate ground water system. |
| Methods for cleaning up: | Eliminate all sources of ignition and ventilate the area with equipment rated for use in flammable environments. |

Small spills: Soak up with an inert absorbent material and dispose of in an appropriate waste container such as household trash. Rinse surface residue and flush to sink or sanitary sewer.

Large spills should be diked, contained and collected for later disposal according to local, provincial, state or federal regulations.

7. HANDLING AND STORAGE

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| Handling: | Use with adequate ventilation. |
| Safe handling advice: | <p>FLAMMABLE AEROSOL !</p> <p>Pressurised container: protect from sunlight and do not expose to temperatures exceeding 55° C (130° F). Do not pierce or burn after use. Keep away from all sources of ignition. Fires involving aerosols with flammable contents are severe and can spread very quickly. Warehouses or stores containing aerosols should therefore be separated from other areas by a fire resistant construction of at least one half hour duration. Stores should be well ventilated. The natural ventilation in a large open warehouse building will normally be suitable.</p> <p>NOTE TO PARENTS: Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal. Read label instructions carefully.</p> |
| Storage: | <p>This product must be stored and handled in accordance with the NFPA and local Fire Code flammable liquids regulations.</p> <p>CONTAINERS SHOULD BE KEPT OUT OF REACH OF CHILDREN.</p> <p>Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 55° C. Do not pierce or burn after use. Keep away from all sources of ignition.</p> <p>Fires involving flammable aerosols are severe and can spread very quickly. Warehouses and stores containing aerosols should therefore be separated from other areas by a fire resistant construction of at least one half hour duration. Stores should be well ventilated, particularly at low levels. The natural ventilation in a large open warehouse building will normally be suitable. Avoid the storage of aerosols in basements where practicable.</p> |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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|---|---|
| Engineering measures to reduce exposure: | For occupational exposures, ensure adequate ventilation. |
| <u>Personal Protective Equipment</u> | |
| Respiratory protection: | None required under normal use conditions. |
| Hand protection: | Wear impervious gloves where the potential for contact with the liquid is possible. |
| Eye protection: | Safety glasses. |
| Skin and body protection: | Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions. |
| Hygiene measures: | Avoid contact with skin, eyes and clothing. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------|--|
| Physical state: | Aerosol spray. |
| Appearance: | Clear spray mist. |
| Colour: | Colourless |
| Odour: | Original scent. |
| pH: | 9.0-10.6 |
| Flash point: | 70° F (21° C) Flammable Aerosol. Aerosol flame extension less than 45 centimeters (18 inches). |
| Specific gravity: | 6.9 lbs. / gal. (Conc.) |
| Vapour pressure: | Not determined. |
| Solubility: | Completely soluble. |
| | |
| <u>Explosion limits:</u> | |
| - upper: | No data available. |
| - lower: | No data available. |

10. STABILITY AND REACTIVITY

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|--|--|
| Stability: | Stable under recommended storage conditions. |
| Polymerization: | Hazardous polymerisation does not occur. |
| Hazardous decomposition products: | Oxides of carbon and unknown organic compounds. |
| Materials to avoid: | Do not mix with other household chemicals. |
| Conditions to avoid: | Flammable aerosol. Pressurised container. Protect from the sunlight and do not expose to temperatures exceeding 55° C (130° F). Extremes of temperature can occur in cars and near ovens and fireplaces. Do not place in contact with hot surfaces or near naked flames. Do not pierce or burn even after use. Do not spray on a naked flame, onto or near fire, or any incandescent material such as an electric fire. Ship and store at ambient temperatures. Real and follow product label instructions. |

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information:

Product Information

LC50/inhalation/4h/rat = No information available.
LD50/dermal/rabbit = No information available.
LD50/oral/rat = No information available.

Local effects

Skin irritation: May cause mild skin irritation after prolonged contact.

Eye irritation: Eye irritant.

Inhalation None expected during normal use. However intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

NOTE TO PARENTS: Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal.

Ingestion Contains denatured ethyl alcohol.
May be harmful if swallowed. See Section 4 for First Aid instructions.

Sensitization Not expected to be a skin sensitiser.

Chronic toxicity: No information available.

Specific effects

Carcinogenic effects: Not listed as carcinogenic by OSHA, NTP or IARC.

Mutagenic effects: No information available.

Reproductive toxicity: No information available.

Target organ effects: No information available.

12. ECOLOGICAL INFORMATION

Product Information

Aquatic toxicity: No information available.

Component Information:

ETHANOL SDA 40-2 95%

64-17-5 (83-88)

Ecotoxicity:

= 11200 mg/L LC50 fingerling trout
= 12900 mg/L LC50 rainbow trout (30 days old) flow-through
= 14200 mg/L LC50 fathead minnow flow-through
= 34634 mg/L EC50 Photobacterium phosphoreum
= 35470 mg/L EC50 Photobacterium phosphoreum

ETHANOL SDA 40-2 (200 PROOF)

64-17-5 (0-0.5)

Ecotoxicity:

= 11200 mg/L LC50 fingerling trout
= 12900 mg/L LC50 rainbow trout (30 days old) flow-through
= 14200 mg/L LC50 fathead minnow flow-through
= 34634 mg/L EC50 Photobacterium phosphoreum
= 35470 mg/L EC50 Photobacterium phosphoreum

Other information:

Ozone depletion potential; ODP; (R-11 = 1) =
Global warming potential (GWP) =

No information available.
No information available.

Additional ecological information:

Bulk quantities, if spilled, would be toxic to aquatic organisms, fish, birds and mammals. Control and clean up all exterior spills and prevent product from entering any streams, rivers, lakes and all other bodies of water.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose of in accordance with local regulations.

Contaminated packaging:

Aerosol containers should be recycled where appropriate and completely empty.

Waste Disposal:

Individual units can be discarded in the household trash.

Large Quantities:

Eliminate all sources of ignition and ventilate the area with equipment rated for use in flammable environments.

Large quantities of flammable liquid waste: Contain and collect for evaluation and disposal according to local, state, provincial and federal regulations for flammable liquid waste. Store waste liquid in appropriate metal containers designed for flammable materials in an area away from heat and ignition sources.

14. TRANSPORT INFORMATION

UN / Id No: UN 1950

DOT:

Classification: UN1950, Aerosols, 2.1
Re-Classed as Consumer Commodity ORM-D.
Proper shipping name: Consumer Commodity
U.S. DOT - Hazard Class: Not applicable.
Subsidiary risk: Not applicable.
Packing Group: Not applicable.
DOT RQ (lbs): Not applicable.
ERG No: 171 / 126

TDG (Canada):

Classification: UN 1950, Aerosols, Class 2.1
Re-Classed as Consumer Commodity, / LTD. QTY.
Proper shipping name: Consumer Commodity / LTD. QTY.
Status: Not applicable.
Packing Group: Not applicable.

IMDG / IMO

Classification: UN 1950 - Aerosols, Class 2.1, Limited Quantity.
Proper shipping name: Aerosols.
Class: 2
Subsidiary Risk: Not applicable.
Packing group: Not applicable.
IMDG page: See IMDG Code.
Marine pollutant: Not applicable.
EMS: F-D, S-U
MFAG: Not applicable.
Maximum quantity: See IMDG Code.

ADR / RID

Classification: Not applicable.
Proper shipping name: Not applicable.
Class: Not applicable.
Subsidiary risk: Not applicable.
ADR/RID-labels: Not applicable
Hazard Identification Number: Not applicable.
CEFIC Tremcard No: Not applicable.

ICAO / IATA:

Classification: UN 1950 - Aerosols, Flammable, Limited Quantity.
Proper shipping name: Aerosols, Flammable
Class: 2
Subsidiary Risk: Not applicable
Packing Group: Not applicable.
Maximum quantity See DG List.

15. REGULATORY INFORMATION

| Components: | PICCS: | TSCA: | DSL: | NDSL: | ENCS: | CHINA: | AICS: | EINECS-No |
|------------------------------|--------|---------|---------|---------|-------|---------|---------|-----------|
| ETHANOL SDA 40-2 95% | | Present | Present | | | Present | Present | 200-578-6 |
| ETHANOL SDA 40-2 (200 PROOF) | | Present | Present | | | Present | Present | 200-578-6 |
| N-ALDIMETHBENZAMMSAC 33% | | Present | | Present | | Present | Present | 273-545-7 |
| CARBON DIOXIDE PROPELLANT | | Present | Present | | | Present | Present | 204-696-9 |

U.S. Regulations:

| | |
|------------------------------------|---|
| Components: | <i>ETHANOL SDA 40-2 95% - 64-17-5</i> |
| NJRTK: | Listed (Sn 0844) |
| California Proposition 65 - | None. |
| Components: | <i>ETHANOL SDA 40-2 (200 PROOF) - 64-17-5</i> |
| NJRTK: | Listed (Sn 0844) |
| California Proposition 65 - | None. |
| Components: | <i>N-ALDIMETHBENZAMMSAC 33% - 68989-01-5</i> |
| NJRTK: | Not Listed. |
| California Proposition 65 - | None. |
| Components: | <i>CARBON DIOXIDE PROPELLANT - 124-38-9</i> |
| NJRTK: | Not Listed. |
| California Proposition 65 - | None. |
| CERCLA/SARA 313: | None |

Canada

WHMIS hazard class: B5 Flammable aerosol

16. OTHER INFORMATION

National Fire
Protection
Association (U.S.A.):



HMIS (U.S.A.):

| | |
|---------------------|---|
| Health Hazard | 2 |
| Fire Hazard | 3 |
| Reactivity | 0 |
| Personal Protection | B |

Note: NFPA Aerosol Level: Flammability rated as "2" per NFPA 30B.

Reason for revision:

Revision of data and / or an update of the PSDS.

Additional advice:

This product should only be used as directed on the label and for the purpose intended.

Prepared by:

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