

MATERIAL SAFETY DATA SHEET

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MSDS # 111604004

OFF! YARD & DECK AREA REPELLENT II

Date Issued: 26Feb2004

Supersedes: 16Jul2002

US MANUFACTURER:

S.C. Johnson & Son, Inc.
Phone: (800) 725-6737
Racine, Wisconsin 53403-2236
Emergency Phone: (888) 779-7920
International Emergency Phone:
(262) 886-1480

CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited
Phone: (800) 725-6737
1 Webster Street
Brantford, Ontario N3T 5R1
Transportation Emergency:
CANUTEC (collect) (613) 996-6666
Poison Control: (888) 779-7920

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
-----	-----	-----	-----	S.C. Johnson and Son, Limited
4-Very High	1	Health	1	Phone: (800) 725-6737
3-High	4	Flammability	4	1 Webster Street
2-Moderate	0	Reactivity	0	Brantford, Ontario N3T 5R1
1-Slight		Special		
0-Insignificant				

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... OFF! YARD & DECK AREA REPELLENT II
REASON FOR CHANGE..... No significant changes.
PRODUCT USE..... Household: Insecticide

SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
-----	-----	-----
D-cis trans allethrin (CAS# 584-79-2).....	0.143	NOT ESTABLISHED
Permethrin (CAS# 52645-53-1).....	0.225	NOT ESTABLISHED
Propane (CAS# 74-98-6).....	3-7	1000 ppm OSHA PEL , 2500 ppm ACGIH TWA
Isobutane (CAS# 75-28-5).....	5-10	NOT ESTABLISHED
Butane (CAS# 106-97-8).....	7-13	800 ppm ACGIH/OSHA TWA
Water (CAS# 7732-18-5).....	65-85	NOT ESTABLISHED

SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Skin contact. Inhalation.
EFFECTS OF ACUTE EXPOSURE:
EYE..... None known.
SKIN..... None known.
INHALATION..... None known.
INGESTION..... None known.
MEDICAL CONDITIONS..... None known.
GENERALLY RECOGNIZED
AS BEING AGGRAVATED
BY EXPOSURE

SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Rinse with plenty of water. If irritation persists, get medical
attention.
SKIN CONTACT..... Wash contaminated area with water and soap. If irritation
persists, get medical attention.
INHALATION..... No special requirements.

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SECTION 4 - FIRST AID MEASURES (continued)

INGESTION..... No special requirements.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... < 20°F (< -7°C) (TCC) (propellant)

FLAMMABLE LIMITS..... Not available.

AUTOIGNITION..... Not available.

TEMPERATURE

EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.

SPECIAL FIREFIGHTING... Fight fire from maximum distance or protected area. Cool and use
PROCEDURES caution when approaching or handling fire-exposed containers.
Fire fighters should wear self-contained breathing apparatus and
protective clothing.

UNUSUAL FIRE AND..... Aerosol product - Containers may rocket or explode in heat of
EXPLOSION HAZARDS fire.

SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Dike large spills. Absorb with oil-dri or similar inert
CASE MATERIAL IS material. Sweep or scrape up and containerize. Do not let
RELEASED OR SPILLED spilled or leaking material enter watercourse. May be toxic to
aquatic life.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... CAUTION: Hazards to humans and animals. Keep out of reach of
INFORMATION children. Avoid contact with skin, eyes and clothing. Harmful if
swallowed. Avoid contact with food or drink. Keep away from
food, foodstuffs and domestic water supplies. CONTENTS UNDER
PRESSURE. Do not use near open fire, flames or heat. Do not
puncture or incinerate. Exposure to temperatures above 120 F may
cause bursting.

OTHER HANDLING AND..... Store in a cool, dry place with adequate ventilation.
STORAGE CONDITIONS

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions.

VENTILATION..... Not applicable.

PROTECTIVE GLOVES..... No special requirements under normal use conditions.

EYE PROTECTION..... No special requirements under normal use conditions.

OTHER PROTECTIVE..... Not applicable.
MEASURES

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... Opaque

PRODUCT STATE..... Dispensed as a spray mist.

ODOR..... Mild

pH..... Not available.

ODOR THRESHOLD..... Not available.

SOLUBILITY IN WATER.... Appreciable

SPECIFIC GRAVITY..... 0.83
(H2O=1)

VAPOR DENSITY (AIR=1).. Not applicable.

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----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

EVAPORATION RATE (BUTYL ACETATE=1) Not available.
VAPOR PRESSURE (mm HG). Not available.
BOILING POINT..... Not applicable.
FREEZING POINT..... Not available.
COEFFICIENT OF..... Not applicable.
WATER/OIL
PERCENT VOLATILE BY.... Not available.
VOLUME (%)
VOLATILE ORGANIC..... Hydrocarbon Propellant.
COMPOUND (VOC)
THEORETICAL VOC..... 1.98 lb/gal
(LB/GAL)

----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY..... Stable
STABILITY - CONDITIONS. No special requirements.
TO AVOID
INCOMPATIBILITY..... None known.
HAZARDOUS DECOMPOSITION PRODUCTS When exposed to fire: Produces normal products of combustion.
HAZARDOUS..... Will not occur.
POLYMERIZATION
HAZARDOUS..... Not applicable.
POLYMERIZATION -
CONDITIONS TO AVOID

----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

LD50 (ACUTE ORAL TOX).. Estimated to be greater than 5000 mg/kg (rats).
LD50 (ACUTE DERMAL TOX) Not available.
LC50 (ACUTE INHALATION TOX) Not available.
EFFECTS OF CHRONIC..... None known.
EXPOSURE
SENSITIZATION..... None known.
CARCINOGENICITY..... None known.
REPRODUCTIVE TOXICITY.. None known.
TERATOGENICITY..... None known.
MUTAGENICITY..... None known.

----- SECTION 12 - ECOLOGICAL INFORMATION -----

ENVIRONMENTAL DATA..... This product is toxic to fish. Do not discharge into lakes, streams, ponds or public water unless in accordance with an NPDES Permit.

----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL..... If possible, recycle empty aerosol can to nearest steel
INFORMATION recycling center. Use up package or give to someone who can.

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----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Not applicable.
CANADIAN SHIPPING NAME. OFF! YARD & DECK AREA REPELLENT II
TDG CLASSIFICATION..... Not applicable.
PIN/NIP..... Not applicable.
PACKING GROUP..... Not applicable.
EXEMPTION NAME..... Not applicable.

----- SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... Non-regulated.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

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

----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. NFPA 30B Level 1 Aerosol.
EPA REGISTRATION #..... 4822-394

----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1
(Manufacturer) for contact information.

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