

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 6840
NIIN: 013093890
Manufacturer's CAGE: 32204
Part No. Indicator: C
Part Number/Trade Name: OFF AEROSOL UNSCENTED

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General Information

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Item Name: INSECT REPELLENT,PERSONAL AND CLOTHING APPLICATION
Company's Name: JOHNSON S C AND SON INC
Company's Street: 1525 HOWE ST
Company's P. O. Box:
Company's City: RACINE
Company's State: WI
Company's Country: US
Company's Zip Code: 53403-2237
Company's Emerg Ph #: 414-631-2000/800-725-6737
Company's Info Ph #: 414-631-2777/800-725-6737
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: D
Record No. For Safety Entry: 005
Tot Safety Entries This Stk#: 006
Status: FE
Date MSDS Prepared: 02AUG95
Safety Data Review Date: 21JAN97
Supply Item Manager: CX
MSDS Preparer's Name: UNKNOWN
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: CCMBC
Specification Number: NONE
Spec Type, Grade, Class: NONE
Hazard Characteristic Code: F1
Unit Of Issue: CN
Unit Of Issue Container Qty: 6 OZ
Type Of Container: CAN, AEROSOL
Net Unit Weight: 6 OZ

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NRC/State License Number: NOT RELEVANT
Net Explosive Weight: N/R
Net Propellant Weight-Ammo: N/R
Coast Guard Ammunition Code: N/R

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: N,N-DIETHYL-META-TOLUAMIDE
Ingredient Sequence Number: 01
Percent: 10 - 30
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: XS3675000
CAS Number: 134-62-3
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: ETHYL ALCOHOL (ETHANOL)
Ingredient Sequence Number: 02
Percent: >= 60
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: KQ6300000
CAS Number: 64-17-5
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM; 9596
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: BUTANE
Ingredient Sequence Number: 03
Percent: 1 - 5
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: EJ4200000
CAS Number: 106-97-8
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM; 9596
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: ISOBUTANE
Ingredient Sequence Number: 04
Percent: 1 - 5
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: TZ4300000
CAS Number: 75-28-5
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

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Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: PROPANE
Ingredient Sequence Number: 05
Percent: 1 - 5
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: TX2275000
CAS Number: 74-98-6
OSHA PEL: 1000 PPM

ACGIH TLV: ASPHYXIAN; 9596
 Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR SPRAY MIST - FRAGRANT ODOR
 Boiling Point: UNKNOWN
 Melting Point: UNKNOWN
 Vapor Pressure (MM Hg/70 F): UNKNOWN
 Vapor Density (Air=1): UNKNOWN
 Specific Gravity: 0.79
 Decomposition Temperature: UNKNOWN
 Evaporation Rate And Ref: UNKNOWN
 Solubility In Water: APPRECIABLE
 Percent Volatiles By Volume: N/K
 Viscosity: NOT KNOWN
 pH: N/R
 Radioactivity: NOT RELEVANT
 Form (Radioactive Matl):
 Magnetism (Milligauss): N/P
 Corrosion Rate (IPY): UNKNOWN
 Autoignition Temperature: N/K

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Fire and Explosion Hazard Data

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Flash Point: FLAMMABL AEROSOL
 Flash Point Method: TCC
 Lower Explosive Limit: UNKNOWN
 Upper Explosive Limit: UNKNOWN
 Extinguishing Media: WATER FOG, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL.
 WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
 Special Fire Fighting Proc: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-
 APPROVED SELF-CONTAINED BREATHING APPARATUS.
 Unusual Fire And Expl Hazrds: SPRAY CANS UNDER PRESSURE. EXTREMELY
 FLAMMABLE. EXPLOSION HAZARD EXISTS WHEN SPRAY CANS HEATED. DO NOT ENTER
 SPRAY CAN STORAGE AREA IF FIRE PRESENT.

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Reactivity Data

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Stability: YES
 Cond To Avoid (Stability): HIGH HEAT, OPEN FLAMES, DIRECT SUNLIGHT,
 TEMPERATURES ABOVE 120F

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Materials To Avoid: RUBBER, PLASTIC
 Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE
 Hazardous Poly Occur: NO
 Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data

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LD50-LC50 Mixture: LD50 (ORAL, RAT) IS NOT KNOWN.
 Route Of Entry - Inhalation: YES
 Route Of Entry - Skin: NO
 Route Of Entry - Ingestion: NO
 Health Haz Acute And Chronic: TARGET ORGANS:EYES, SKIN, CNS, LUNGS. ACUTE-
 INHALATION OF VAPORS MAY CAUSE CNS EFFECTS. MAY CAUSE IRRITATION OF EYES,
 SKIN & RESPIRATORY TRACT. MAY CAUSE SKIN DEFATTING. HARMFUL IF SWALLOWED.
 MAY CAUSE NAUSEA. ASPIRATION HAZARD. CHRONIC- UNKNOWN.
 Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NONE

Signs/Symptoms Of Overexp: IRRITATION, HEADACHE, DIFFICULTY IN BREATHING, NAUSEA, VOMITING, DEFATTING, DIZZINESS, LOSS OF COORDINATION, FATIGUE, CONFUSION, DERMATITIS, BLURRED VISION, TEARING

Med Cond Aggravated By Exp: INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

Emergency/First Aid Proc: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NECESSARY. ORAL:CONTACT NEAREST POISON CONTROL CENTER IMMEDIATELY.

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 Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: VENTILATE AREA. REMOVE IGNITION SOURCES. LEAKING CONTAINERS SHOULD BE PLACED OUTDOORS, IN AN OPEN CONTAINER, AWAY FROM SOURCES OF IGNITION. ALLOW PRESSURE TO DISSIPATE. ABSORB LIQUID WITH NON-FLAMMABLE ABSORBENT AND PLACE IN CONTAINER FOR DISPOSAL.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE, INCINERATE SPRAY CANS EVEN AFTER USE. DO NOT FLUSH INTO DRAINS. RECYCLE IF POSSIBLE.

Precautions-Handling/Storing: STORE SPRAY CANS IN COOL, WELL VENTILATED AREAS AWAY FROM SOURCES OF IGNITION, INCOMPATIBLES & SUNLIGHT. DO NOT STORE ABOVE 120F.

Other Precautions: "EMPTY" CONTAINERS RETAIN RESIDUE AND MAY BE DANGEROUS. FOLLOW ALL LABEL INSTRUCTIONS. AVOID REPEATED/PROLONGED SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN. DO NOT BREATHE VAPORS. DO NOT SPRAY TOWARD FACE/HOT SURFACES. WASH AFTER HANDLING.

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 Control Measures
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Respiratory Protection: IF TLV IS EXCEEDED, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

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Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: BUTYL IF SKIN CONTACT IS POSSIBLE

Eye Protection: CHEMICAL SAFETY GOGGLES RECOMMENDED

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Suppl. Safety & Health Data: FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A OR B, SAME NSN. EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. CONTAINS FLAMMABLE GAS SUCH AS PROPANE AND FLAMMABLE LIQUID. DO NOT USE IN CONFINED AREA OR AREA WITH LITTLE AIR MOVEMENT. EMPLOY MEANS TO PREVENT VAPOR BUILDUP.

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 Transportation Data
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Transportation Action Code:

Transportation Focal Point: D

Trans Data Review Date: 97021

DOT PSN Code: AGC

DOT Symbol:

DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,
 DOT Class: 2.1
 DOT ID Number: UN1950
 DOT Pack Group:
 DOT Label: FLAMMABLE GAS
 DOT/DoD Exemption Number: NOT RELEVANT
 IMO PSN Code: AIY
 IMO Proper Shipping Name: AEROSOL DISPENSERS
 IMO Regulations Page Number: 9022
 IMO UN Number: 1950
 IMO UN Class: 9
 IMO Subsidiary Risk Label: -
 IATA PSN Code: ALS
 IATA UN ID Number: 1950
 IATA Proper Shipping Name: AEROSOLS, 30, *
 IATA UN Class: 2.1
 IATA Subsidiary Risk Class:
 IATA Label: FLAMMABLE GAS
 AFI PSN Code: ALR
 AFI Symbols: *
 AFI Prop. Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
 AFI Class: 2.1
 AFI ID Number: UN1950
 AFI Pack Group:
 AFI Label:
 AFI Special Prov:
 AFI Basic Pac Ref: A6.3
 MMAC Code:
 N.O.S. Shipping Name: PROPANE, ETHANOL, BUTANE, ISOBUTANE
 Additional Trans Data: CONSUMER COMMODITY, PER MSDS.

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 Disposal Data
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Disposal Data Action Code:
 Disposal Data Focal Point:
 Disposal Data Review Date:
 Rec # For This Disp Entry:
 Tot Disp Entries Per NSN:
 Landfill Ban Item:
 Disposal Supplemental Data:
 1st EPA Haz Wst Code New:
 1st EPA Haz Wst Name New:
 1st EPA Haz Wst Char New:
 1st EPA Acute Hazard New:
 2nd EPA Haz Wst Code New:
 2nd EPA Haz Wst Name New:
 2nd EPA Haz Wst Char New:
 2nd EPA Acute Hazard New:
 3rd EPA Haz Wst Code New:
 3rd EPA Haz Wst Name New:
 3rd EPA Haz Wst Char New:
 3rd EPA Acute Hazard New:

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 Label Data
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Label Required: NO
 Technical Review Date: 21JAN97
 Label Date:

MFR Label Number: N/R
Label Status: X
Common Name:
Chronic Hazard: N/P
Signal Word:
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe:
Contact Hazard-None:
Contact Hazard-Slight:
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None:
Fire Hazard-Slight:
Fire Hazard-Moderate:
Fire Hazard-Severe:
Reactivity Hazard-None:
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions:
Protect Eye:
Protect Skin:
Protect Respiratory:

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Label Name:
Label Street:
Label P.O. Box:
Label City:
Label State:
Label Zip Code:
Label Country:
Label Emergency Number:
Year Procured: