

SDS

Buzz UP Insect Repellent Spray

SDS Number: A42B

Revision Date: 2/15/2023

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Product Identifier: Buzz UP Insect Repellent Spray
SDS Number: A42B
Product Code: A42
Revision Date: 2/15/2023
EPA Number: 34370-2
Product Use: Insect Repellent

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 2
Health, Skin corrosion/irritation, 2
Physical, Flammable Aerosols, 2
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Acute toxicity, 4 Oral
Environmental, Hazards to the aquatic environment - Chronic, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H225 - Highly flammable liquid and vapor
H315 - Causes skin irritation
H229 - Pressurized container: may burst if heated
H319 - Causes serious eye irritation
H302 - Harmful if swallowed
H412 - Harmful to aquatic life with long lasting effects

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P233 - Keep container tightly closed.
P234 - Keep only in original container.
P235 - Keep cool.
P243 - Take precautionary measures against static discharge.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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P332+313 - If skin irritation occurs: Get medical advice/attention.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P337 - If eye irritation persists: Get medical advice/attention.
 P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
 P501 - Dispose of contents/container in accordance to local/regional/national/international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes, Skin, Inhalation, Ingestion
Target Organs: NA
Inhalation: May cause irritation of respiratory tract
Skin Contact: May cause slight skin irritation
Eye Contact: Irritating to eyes
Ingestion: May be harmful if swallowed.

3	COMPOSITION/INFORMATION ON INGREDIENTS
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	CAS#	Chemical Ingredients:	
		%	Chemical Name:
	64-17-5	20-30%	Ethanol
	25322-68-3	15-30%	Polyethylene glycols

119515-38-7 20% Picaridin

4	FIRST AID MEASURES
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Inhalation: Move victim to fresh air. Apply artificial respiration if indicated. Contact a physician if warranted.
Skin Contact: If skin irritation or rash occurs, immediately wash gently and thoroughly with luke warm, gently flowing water and non-abrasive soap for 15-20 mins. , If irritation persists, seeek medical advice/attention.
Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If irritation or pain persists, see a doctor.
Ingestion: Have victim rinse mouth with water. NEVER give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. DO NOT INDUCE VOMITING. Contact a physician if warranted.

5	FIRE FIGHTING MEASURES
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Flammability: Flammable
Flash Point: 29 C (82 F)
Flash Point Method: Not available
Autoignition Temp: Not Determined
EXTINGUISHING MEDIA: Water spray, Carbon dioxide, Dry Chemical or foam.

SPECIFIC HAZARDS: In case of fire, hazardous combustion gases may be formed:
 Carbon monoxide (CO)
 Carbon Dioxide (CO2)
 Nitrogen oxides (NOx)

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Use self-contained breathing apparatus and full protective clothing.

FURTHER INFORMATION: Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations

6	ACCIDENTAL RELEASE MEASURES
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PERSONAL PRECAUTIONS: For Large Spills; isolate the hazard area. Keep out unnecessary and unprotected personnel. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Use the Personal Protective Equipment recommended in Section 8 of this MSDS. Review Section 7 (Handling) of this MSDS before proceeding with cleanup.

ENVIRONMENTAL PRECAUTIONS: Do not contaminate water by disposal of wastes

METHOD FOR CONTAINMENT AND CLEAN-UP: Prevent product from entering drains and ventilation systems. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered labeled containers for disposal. Large Spills: Dike spill product to prevent runoff. Recover contaminated water for appropriate disposal. Report spills to local health, safety and environmental authorities, as required.

7 HANDLING AND STORAGE

Handling Precautions: Read entire label before using. Use strictly in accordance with label precautionary statements and directions. Do not contaminate food or feed.

Storage Requirements: Keep out of reach of Children. Keep product in its original container. Keep container tightly closed. Store this product in a cool, dry place away from heat or direct sunlight. Protect from freezing.

NFPA 30B- Level 1 Aerosol

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: General ventilation is usually adequate. When handling large quantities of concentrated product; Use local exhaust ventilation, if necessary.

Personal Protective Equipment: PERSONAL PROTECTIVE EQUIPMENT (PPE): None needed for proper use in accordance with label directions.

Hygienic work practices: Wash hands thoroughly after handling.
Ethanol cas#:(64-17-5) [20-30%]

Components with workplace control parameters

TWA 1,000 ppm USA. ACGIH Threshold Limit Values (TLV)

Upper Respiratory Tract irritation
Confirmed animal carcinogen with unknown relevance to humans

TWA 1,000 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
1,900 mg/m3

The value in mg/m3 is approximate.

TWA 1,000 ppm USA. NIOSH Recommended Exposure Limits
1,900 mg/m3

Polyethylene glycols cas#:(25322-68-3) [15-30%]

Components with workplace control parameters

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 TWA 10 mg/m3 USA. Workplace Environmental
 Exposure Levels (WEEL)

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, Light Yellow	Odor:	Mild
Physical State:	Liquid	Solubility:	Complete
Spec Grav./Density:	(H2O=1): 0.977	Flash Point:	29 C (82 F)
Vapor Pressure:	Not available	VOC:	36%
pH:	8.0 +/- 1		

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STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Extreme temperatures.
Materials to Avoid:	Oxidizing agents, acids, alkali metals, ammonia, peroxides, calcium hypochlorite, reducing agents.
Hazardous Decomposition:	Carbon dioxide, Carbon monoxide, Hydrogen cyanide Nitrogen oxides.
Hazardous Polymerization:	Will not occur

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TOXICOLOGICAL INFORMATION

The preparation has not been tested for all toxicological effects; some are classified on the basis of the known hazards of the components.

Acute oral toxicity: LD50 - 6200 mg/kg bw (rat)

Method: unknown

Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Acute inhalation toxicity: LC50 - 5.9 mg/l (rat-6hrs)

Method: unknown

Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Acute dermal toxicity: LDLo - 2000 mg/kg bw (rabbit)

Method: unknown

Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Irritant effect on skin: Non-irritating (rabbit)

Method: OECD Guide-Line 404

Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Irritant effect on eyes: Moderately irritating (rabbit)

Method: OECD Guide-Line 405

Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Sensitization: Not sensitizing (guinea pig)

Method: unknown

Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Mutagenicity: Not determined

Method

Source:

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Carcinogenicity/Reproductive toxicity: Not determined; None of the components present in this material at concentrations of 0.1% or greater are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

Source: Safety Data Sheets of components

Specific Target Organ Toxicity Single exposure (GHS) - no data available

Repeated exposure (GHS) - no data available

Signs and Symptoms of Exposure irritation, dryness and cracking of skin, may cause headaches and irritation to throat

POTENTIAL HEALTH EFFECTS

INHALATION: May cause irritation to lungs

SKIN CONTACT: Do not use over cuts, wounds or irritated skin. Pre-existing skin disorders may be aggravated by exposure

EYE CONTACT: Prolonged contact may cause irritation, with redness, pain, tearing, blurred vision and conjunctivitis.

INGESTION: May be harmful if swallowed.

TARGET ORGANS: Respiratory system

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ECOLOGICAL INFORMATION

General Comments: Ecotoxicological data have not been determined specifically for this product, but it is classified on the basis of the known hazards of the components.

Mobility The product is alcohol-based and expected to be mobile in the aquatic environment.

Biodegradability Ethanol is expected to be biodegradable Source: Ethanol Manufacturers SDS

Bioaccumulation Ethanol is not expected to bioaccumulate in the environment.

Toxicity Ethanol is not classified as harmful or toxic to aquatic life.

LC50 >10,000mg/L (96hr), Rainbow Trout

LC50 15,300 mg/L (96hr) Flathead minnow

Source: Ethanol Manufacturers SDS and IUCLID Datasheet

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DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not reuse any empty containers.

US: This product is a hazardous liquid waste (D001) as defined in Resource Conservation Recovery Act Regulations (40 CFR 261) and should be disposed of according to local, state and Federal regulations. Dispose of partially filled and empty containers by wrapping and discarding in trash.

International: This product should not be disposed of via the drains or by landfill. Disposal must be in accordance with current national and local regulations. Chemical residues generally count as special waste, and their disposal may be regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities or approved waste disposal companies who will advise you on how to dispose of special waste.

General EU requirements are given in the Waste Framework Directive (75/442/EEC) and the Hazardous Waste Directive (91/689/EEC). Packaging may contain residues of the product and should be treated accordingly

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TRANSPORT INFORMATION

DOT

UN number UN1950
UN proper shipping name Aerosols, flammable
Transport hazard class(es)
Class 2.1
Packing group Not applicable

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Additional Information: Consumer Commodity/Limited Qty Exemption Not exceeding 1L ORM-D

IMDG

UN number UN1950
UN proper shipping name Aerosols, flammable
Transport hazard class(es)
Class 2.1

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Packing group Not applicable
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Additional Information: Consumer Commodity/Limited Qty Exemption Not exceeding 1L ORM-D

IATA

UN number UN1950
UN proper shipping name Aerosols, flammable
Transport hazard class(es)
Class 2.1
Packing group Not applicable
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Additional Information: Consumer Commodity/Limited Qty Exemption Not exceeding 1L ORM-D

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REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Ethanol (64-17-5) [20-30%] MASS, OSHAWAC, PA, TSCA, TXAIR

Polyethylene glycols (25322-68-3) [15-30%] TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory CODE Descriptions

MASS = MA Massachusetts Hazardous Substances List
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

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OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only
N/A = Not available N/D = Not determined

FIFRA INFORMATION:

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

Signal word: CAUTION

Precautionary Statements: Causes moderate eye irritation.

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