

Insect Repellent, Picaridin 20%, No Fragrance, Non-Aerosol Document No. SDS-0001-1631-NONAERO, Revision: 0 Issue Date: March 13, 2023

Revision Date: March 13, 2023

Prepared according to U.S. OSHA 29 CFR 1910.1200 and Canadian Hazardous Products Regulations

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Insect Repellent, Picaridin (Icaridin) 20%, No Fragrance, Non-Aerosol (Pump Spray)

HMIS Hazard Rating

Health 2
Flammability 3
Reactivity 0
Personal Protection X

SYNONYMS:

Item Number	<u>Item Name</u>	<u>UPC</u>	U.S. EPA Reg. No.	Canada PMRA <u>Reg. No.</u>
0006-7355	Ben's Adventure Formula 3.4 fl.oz (100mL) - Uncarded	044224073556	56575-15	
0006-7356	Ben's Adventure Formula 3.4 fl.oz (100mL) - Carded	044224073563	56575-15	
0006-7365	Ben's Hunting Formula 3.4 fl.oz (100mL) - Uncarded	044224073655	56575-15	
0006-7366	Ben's Hunting Formula 3.4 fl.oz (100mL) - Carded	044224073662	56575-15	

USE: Insect Repellent

MANUFACTURER: Adventure Ready Brands
ADDRESS: 944 Industrial Park Rd
Littleton, NH 03561 USA

INFORMATION CALLS: USA or Canada: 1-800-258-4696; International: 001-603-444-5464

E-Mail: cs@adventurereadybrands.com

FAX: 1-603-444-6735

EMERGENCY PHONE: Spills:1-800-354-2382 (Veolia)

Medical Information: 1-800-258-4696 (Adventure Ready Brands)

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Clear; Lemon odor; Flammable; Water soluble liquid

HAZARD CLASSIFICATION: Flammable liquid Category 3

Acute toxicity – oral Category 4
Serious eye damage/eye irritation Category 2A

GHS Label elements, including precautionary statements

Pictogram

Signal word: WARNING

Hazard statement(s)

H226 Flammable liquid and vapor H302 Harmful if swallowed H319 Causes serious eye irritation

Precautionary Statements - Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P233 Keep container tightly closed

P243 Take precautionary measures against static discharge

P280 Wear eye protection/ face protection

P264 Wash face, hands and any exposed skin thoroughly after handling

P270 Do not eat, drink or smoke when using this product.

Precautionary Statements - Response

P370+P378 In case of fire: Use CO2, dry chemical, or foam to extinguish



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P301+P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

P330 Rinse mouth.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing

P337+P313 If eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage

P403+P235 Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

P501 Dispose of contents/container to an approved waste disposal plant in accordance with all local, regional,

national, and international regulations.

Other information

Toxic to aquatic life.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS NO.	EC NO.	Concentration (Weight-%)
Picaridin [Icaridin]	119515-38-7	423-210-8	20
Water	7732-18-5	231-791-2	25 - 35
Ethyl Alcohol	64-17-5	200-578-6	20 - 30
Polyethylene Glycol 400	25322-68-3	500-038-2	15 - 25

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 8 – "EXPOSURE CONTROLS/PERSONAL PROTECTION" for exposure guidelines.

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye

wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to

do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and

shoes.

Ingestion Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an

unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aiderRemove all sources of ignition. Ensure that medical personnel are aware of the material(s)

involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with

skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms Burning sensation.

Indication of any immediate medical attention and special treatment needed

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.



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Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the

chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water

must be disposed of in accordance with local regulations.

Hazardous Combustion Products Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact Sensitivity to Static Discharge

None. Yes

Special protective equipment for fire-

fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

ersonal protection equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8

for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do

not touch or walk through spilled material.

Other Information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containmentStop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor

suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-

combustible material and transfer to containers for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent

material. Pick up and transfer to properly labeled containers.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Directions for Use on Consumer Label It is a violation of Federal Law to use this product in a manner inconsistent with its

labeling. Read and follow all directions and precautions on this product label.

Hold bottle 4 to 6 inches from skin while spraying, Keep nozzle pointed away from face. Slightly moisten skin or clothing with a slow sweeping motion. Use just enough repellent to cover exposed skin and/or clothing. Do not use under clothing. Do not spray directly on face. Do not apply near eyes and mouth. Spray on hands first, and then apply sparingly to face, neck and around ears, avoiding your eyes. Do not apply over cuts, wounds or irritated skin, and do not apply to excessively sunburned skin. Do not apply to children's hands. Do not allow children to handle this product. When using on children, apply to your own hands and then put it on the child. Frequent reapplication or saturation is unnecessary. Avoid over-application of this product. Do not exceed more than 2 applications per day. After returning indoors, wash treated skin with soap and water. Wash treated clothes before wearing again. Use of this product may cause skin reactions in rare cases. If you suspect a reaction to this product, discontinue use, wash treated skin and call your poison control center. If you go to a doctor, take this product with you.

Advice on safe handling

Read entire label before using. Use strictly in accordance with label precautionary statements and

directions. Do not contaminate food or feed.



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Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep product in its original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Protect from freezing. Store in accordance with the particular national regulations. Store in accordance with local regulations.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical name	ACGIH T	LV	0	SHA PEL		NIOSH IDLH
Ethyl alcohol	STEL: 1000	STEL: 1000 ppm		TWA: 1000 ppm		1: 3300 ppm 10% LEL
64-17-5			TWA:	: 1900 mg/m ³		TWA: 1000 ppm
			(vacated)	TWA: 1000 ppm	7	TWA: 1900 mg/m ³
			(vacated)	TWA: 1900 mg/m ³		_
Chemical name	Alberta	British C	Columbia	Ontario TWAE\	/	Quebec
Ethyl alcohol	TWA: 1000 ppm	STEL: 1	000 ppm	STEL: 1000 ppn	n	STEL: 1000 ppm
64-17-5	TWA: 1880 mg/m ³					

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th

Cir., 1992). See section 15 for national exposure control parameters.

Appropriate engineering controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic

boots.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded

or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke

when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear

suitable gloves and eye/face protection.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid Appearance Clear

Odor No data available
Color Colorless
Odor Threshold No data available

<u>Property</u> <u>Values</u> <u>Remarks Method</u>

pН 7.0 to 9.0 Melting / freezing point No data available None known Boiling point / boiling range >35°C (95°F) None known Flash Point 26°C (79°F) Closed-cup **Evaporation Rate** No data available None known Flammability (solid, gas) Flammability Limit in Air No data available None known None known

Upper flammability limit
Lower flammability limit
Vapor pressure

No data available
No data available
No data available

None known Vapor density No data available None known Relative density 0.98 g/mL None known Water Solubility Soluble in water None known Solubility(ies) Soluble in alcohol None known Partition coefficient: n-octanol/water No data available None known Autoignition temperature No data available None known **Decomposition temperature** No data available None known Kinematic viscosity No data available None known

No data available

Other Information

Explosive propertiesNo information availableOxidizing propertiesNo information availableSoftening PointNo information availableMolecular WeightNo information available

VOC Content (%) <36%

Liquid DensityNo information availableBulk DensityNo information availableParticle SizeNo information availableParticle Size DistributionNo information available

SECTION 10: STABILITY AND REACTIVITY

None known

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of Hazardous Reactions None under normal processing.

Hazardous PolymerizationHazardous polymerization does not occur.

Conditions to avoid Heat, flames and sparks.

Incompatible materialsNone known based on information supplied.

Hazardous Decomposition Products Carbon oxides.



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SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory

tract.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye irritation.

(based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. May cause irritation. Prolonged

contact may cause redness and irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms May cause redness and tearing of the eyes.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 10,830.20 mg/kg ATEmix (inhalation-dust/mist) 403.10 mg/L

Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl alcohol	= 7060 mg/kg (Rat)	-	= 116.9 mg/L (Rat) 4 h
-			= 133.8 mg/L (Rat) 4 h
Picaridin [Icaridin]	= 4743 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 4364 mg/m ³ (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritationMay cause skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Ethanol has been shown to be carcinogenic in long-term studies only when consumed as

alcoholic beverage.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Ethyl alcohol	A3	Group 1	Known	X
64-17-5		·		

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SAFETY DATA SHEET

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Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Ethyl alcohol	No data available	96h LC50: 12.0 - 16.0 mL/L	EC50 = 34634 mg/L 30 min	48h LC50: 9268 -
		(Oncorhynchus mykiss)	EC50 = 35470 mg/L 5 min	14221 mg/L (Daphnia
		96h LC50: 13400 - 15100		magna)
		mg/L (Pimephales promelas)		48h EC50: = 2 mg/L
		96h LC50: > 100 mg/L		(Daphnia magna)
		(Pimephales promelas)		, , , , , , , , , , , , , , , , , , , ,

Persistence and Degradability No information available.

Bioaccumulation

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Component Information

Chemical name	Partition coefficient
Ethyl alcohol	-0.35

MobilityNo information available.Other adverse effectsNo information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations.

Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture of weld

containers.

US EPA Waste Number D001

California Waste Codes 232

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste
Ethyl alcohol	Toxic
64-17-5	lgnitable



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SECTION 14: TRANSPORT INFORMATION

SHIPPING INFORMATION: Marine Pollutant: No

Regulation	UN No.	Proper Shipping Name	Hazard Class	Packing Group	Additional Information
U.S. Department of Transportation (DOT)	UN1170	Ethanol Solutions	3	III	Limited Qty Exception Inner Packaging ≤ 5.0 L Net Total Package ≤ 30 kg Gross ERG No.: 127
Canadian Transportation of Dangerous Goods (TDG)	UN1170	Ethanol Solutions	3	III	Limited Qty Exception Inner Packaging ≤ 5.0 L Net Total Package ≤ 30 kg Gross
International Maritime Dangerous Goods (IMDG)	UN1170	Ethanol Solutions	3	III	Limited Qty Exception Inner Packaging ≤ 5.0 L Net Total Package ≤ 30 kg Gross EmS-No.: F-E, S-D
International Air Transport Assoc. (IATA)	UN1170	Ethanol Solutions	3	III	Limited Qty Exception per Packing Inst . Y344 Inner Packaging ≤ 5.0 L Net Total Package ≤ 10.0 L Net (≤ 30 kg Gross) ERG Code: 3L

The transportation regulations are cited according to international regulations and in the form applicable to the United States and Canada.

Possible national deviations in other countries are not considered.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA

DSL/NDSL

EINECS/ELINCS

ENCS

KECL

PICCS

AICS

Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372



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SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals. Ethyl alcohol is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical name	California Proposition 65
Ethyl Alcohol - 64-17-5	Carcinogen
	Developmental

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Ethyl Alcohol	X	X	X		Χ
64-17-5					

EPA Pesticide Registration Number 56575-15

SECTION 16: OTHER INFORMATION

HMIS		
Health: 2	Flammability: 3	Reactivity: 0
Special: None		

4=extreme 3=High 2=Moderate 1=Slight 0=Insignificant

REVISED SECTIONS OR REASON FOR REVISION:

ORIGINAL ISSUE: MARCH 13, 2023

DISCLAIMER: The information provided herein was believed to be accurate, to the best knowledge of Adventure Ready Brands, at the time of preparation from a compilation of sources believed to be reliable and is furnished without warranty, expressed or implied. It is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling, storage and use of this product and to determine the suitability of the product for its intended use. This data sheet relates only to the specific product listed and does not relate to use in combination or in any process with other materials