



SAFETY DATA SHEET

Insect Repellent, Picaridin 20%, No Fragrance, Aerosol
Document No. SDS-0001-1631-AERO, 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, Aerosol (Continuous Spray)

HMIS Hazard Rating
Health 2
Flammability 3
Reactivity 0
Personal Protection X

SYNONYMS:

<u>Item Number</u>	<u>Item Name</u>	<u>UPC</u>	<u>U.S. EPA Reg. No.</u>	<u>Canada PMRA Reg. No.</u>
0006-7350	Ben's Adventure Formula 6 oz (170g)	044224073501	56575-15	---
0006-7360	Ben's Hunting Formula 6 oz (170g)	044224073600	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; Aerosol liquid.

HAZARD CLASSIFICATION: Flammable aerosols Category 2
Gases under pressure Compressed Gas
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)

H223 Flammable aerosol
H280 Contains gas under pressure; may explode if heated
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
P211 Do not spray on an open flame or other ignition source
P251 Pressurized container: Do not pierce or burn, even after use
P264 Wash face, hands and any exposed skin thoroughly after handling
P270 Do not eat, drink or smoke when using this product.
P280 Wear eye protection/ face protection

Precautionary Statements - Response

P301+P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.
P330 Rinse mouth.



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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
P410+P403 Protect from sunlight. Store in a well-ventilated place.
P412 Do not expose to temperatures exceeding 50 °C/122 °F

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. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

Skin contact Wash with soap and water. In the case of skin irritation or allergic reactions see a physician.

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 aider Remove 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. Wear personal protective clothing (see section 8). 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

Note to physicians Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

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

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



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Unsuitable extinguishing media	DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.
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. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Ruptured cylinders may rocket.
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Mechanical Impact	Yes.
Sensitivity to Static Discharge	Yes.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal 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). Take precautionary measures against static discharges. Contents under pressure. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.
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 containment	Stop leak if you can do it without risk. 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. Flood with water to complete polymerization and scrape off floor.
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. Shake well. Hold can 4 to 6 inches from skin while spraying, keeping 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static

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electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapors or mists. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. 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 container tightly closed.
Store this product in a cool, dry and well-ventilated place away from heat or direct sunlight.
Protect from freezing.

Protect from sunlight. 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. 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 TLV		OSHA PEL		NIOSH IDLH			
Ethyl Alcohol 64-17-5		STEL: 1000 ppm		TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³		IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m ³			
Chemical name		Alberta		British Columbia		Ontario TWA EV		Quebec	
Ethyl Alcohol 64-17-5		TWA: 1000 ppm TWA: 1880 mg/m ³		STEL: 1000 ppm		STEL: 1000 ppm		STEL: 1000 ppm	

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

Impervious gloves. Wear suitable 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	Bag-on-valve (BOV); Aerosol
Appearance	Clear
Odor	No data available
Color	Colorless
Odor Threshold	No data available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	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 (78.8°F)	Closed-cup
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	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
Dynamic viscosity	No data available	None known

Other Information

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	<36%
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure
Product Information

Inhalation	Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. 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

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic life.

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

Persistence and Degradability No information available.

Bioaccumulation .

Component Information

Chemical name	Partition coefficient
Ethyl Alcohol	-0.35

Mobility No information available.

Other adverse effects No information available.



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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 Do not reuse empty 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.

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)	UN1950	Aerosols, Flammable	2.1	-	Limited Qty Exception Outer Package ≤ 30 kg gross ERG No.: 126
Canadian Transportation of Dangerous Goods (TDG)	UN1950	Aerosols, Flammable	2.1	-	Limited Qty Exception Outer Package ≤ 30 kg gross
International Maritime Dangerous Goods (IMDG)	UN1950	Aerosols, Flammable	2.1	-	Limited Qty Exception Outer Package ≤ 30 kg gross EmS-No.: F-D, S-U
International Air Transport Assoc. (IATA)	UN1950	Aerosols, Flammable	2.1	-	Limited Qty Exception per Packing Inst. Y203 Outer Package ≤ 30 kg gross ERG Code: 10L

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	Contact supplier for inventory compliance status.
DSL/NDL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

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

DSL/NDL - 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



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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

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 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 64-17-5	X	X	X		X

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.