



# SAFETY DATA SHEET

**•SECTION 1 - MANUFACTURER AND PRODUCT IDENTIFICATION•**

WISCONSIN PHARMACAL COMPANY  
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EMERGENCY NUMBER: 1-800-255-3924  
 (24 HOURS)  
INFORMATION NUMBER: 1-800-558-6614  
 (BUSINESS HOURS)

Packaged by: I-K-I Manufacturing Co., Inc. 116 N Swift St. Edgerton WI, 53534.

**PRODUCT NAME:** Coleman Skin Smart Aerosol Repellent

**PRODUCT CODE:** 747, 7474, 7476

**PRODUCT DESCRIPTION:** Pressurized Personal Insect Repellent

**PREPARED BY:** J Buteyn      DATE UPDATED: 1/22/2020

**EPA REG. NO.:** 70759-4-79533

**HMIS:** Health Hazard: 1

Fire Hazard: 3

Reactivity: 0

Personal Protective Equipment: B

COMMENTS: For information regarding MEDICAL EMERGENCIES OR PESTICIDE INCIDENTS, call the INTERNATIONAL POISON CENTER at 1-888-740-8712 24 hrs a day

**•SECTION 2 - HAZARDS IDENTIFICATION•**

Hazard classification	Hazard category	Hazards identification
Flammable Aerosol	Category 1	Extremely flammable aerosol.
Eye irritation	Category 2A	Causes serious eye irritation.
Gases under pressure	Liquefied gas	Contains gas under pressure; may explode if heated.

Signal Word(s)	
<b>DANGER</b>	
Hazard Statements	Contains gas under pressure, may explode if heated
	Extremely flammable aerosol
	Causes serious eye irritation
Precautionary Statements	Do not eat, drink, or smoke when using this product
	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.
	Pressurized container: Do not pierce or burn, even after use.
	Wear eye protection / face protection
	Wash thoroughly after handling.
	If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easily done. Continue rinsing.
	If eye irritation occurs, get medical attention or advice.
	Protect from sunlight.
	Take off contaminated clothing and wash before reuse.
	Dispose of contents / container in accordance with local/regional/national/international regulation for hazardous wastes.

**•SECTION 3 – COMPOSITION INFORMATION ON INGREDIENTS•**

<b>Chemical name</b>	<b>CAS Number</b>	<b>Content (w/w)</b>	<b>GHS Classification</b>
Ethyl-N-acetyl-N-butyl- $\beta$ -alaninate Synonym: 3-[N-Butyl-N-acetyl]-aminopropionic acid, ethyl ester	52304-36-6	20 - 25 %*	Eye irritation Category 2
Ethanol [Synonym: Alcohol SD-40B (200 Proof)]	64-17-5	20 - 25 %*	Flammable liquids, Category 2
Isobutane	75-28-5	35 %	Extremely Flammable gases, Category 1
Non-hazardous materials	NA	20 – 25 %*	

\*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret.

**•SECTION 4 - FIRST AID PROCEDURES•**

General advice:	First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.
If inhaled:	Keep patient calm, remove to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention immediately.
If on skin:	Wash affected areas with water while removing contaminated clothing. Seek medical attention.
If in eyes:	Wash affected eyes cautiously for at least 15 minutes under running water with eyelids held open. Remove contact lenses, if present and easily done. If irritation persists, seek medical attention.
If swallowed:	Rinse mouth and then drink plenty of water. Do not induce vomiting. Call a poison control center or doctor immediately for treatment advice.
Note to physician	Most important symptom and effects are irritation.

**•SECTION 5 – FIRE-FIGHTING MEASURES•**

Suitable extinguishing media:	Water fog, carbon dioxide, dry chemical, foam
Unsuitable extinguishing media for safety reasons:	None.
Hazards during fire-fighting:	Containers may explode in heat of fire. Combustion will produce carbon monoxide and carbon dioxide gas, and oxides of nitrogen.
Protective equipment for fire-fighting:	Wear a self-contained breathing apparatus and protective clothing. Normal fire fighting procedures may be followed.
Special flammability Hazards:	Containers may explode in heat of fire. Cool with water spray.
NFPA Classification:	NFPA Level 2 Aerosol

**•SECTION 6 - ACCIDENTAL RELEASE MEASURES•**

Personal precautions:	Remove all sources of ignition. Use personal protective clothing. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Isolate area and exclude unprotected and unnecessary personnel. Observe emergency procedures.
Environmental precautions:	Notify proper authorities. Contain contaminated water/firefighting water. Do not discharge into waterways or sewer systems without proper authorization. Risk of explosion in drains.
Cleanup:	If cans have ruptured, contain spillage with absorbent material such as sand, vermiculite or clay, and dispose into chemical waste container. Dispose contents and container according to local/regional/national regulations.

**•SECTION 7 - HANDLING AND STORAGE•**

General Handling advice:	Observe label precautions. Breathing of vapor or mists must be avoided. Avoid contact with eyes or lips. Use only as directed. KEEP OUT OF REACH OF CHILDREN.
Protection against fire and explosion:	Prevent electrostatic charge. Keep away from open flames, hot surfaces, and sources of ignition.
General Storage advice:	Store in tightly closed original containers in a cool, dry and well-ventilated place. Do not store above 120°F. Keep opened containers tightly closed and upright to avoid spills. Do not puncture or incinerate cans, even if empty. Do not stick a pin, nail, or any sharp object into the spray nozzle.

**•SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION•**

The following applies to Industrial Settings only:

Advice on system design:	Ensure adequate ventilation. To prevent vapor build-up, open doors and windows or use an explosion-proof exhaust fan to ensure fresh air exchange during and after use.
General safety and hygiene measures:	Read and follow label precautionary statements. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Immediately remove all contaminated clothing. Wash contaminated clothing before reuse. Hands and/or face should be washed before breaks and at the end of the shift.
<u>Personal protective equipment</u>	
Body protection:	Body protection must be chosen based on level of activity and exposure.
Eye protection:	Face shield and safety glasses.
Hand protection:	Chemical resistant protective gloves such as Neoprene or Nitrile.
Respiratory protection:	Use with adequate ventilation equal to outdoors. If unavailable, wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator.

**•SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES•**

Appearance (Physical Form):	Aerosol
Odor:	Weakly Ethanolic.
Color:	Clear
pH value:	4.8 at 20°C
Flash Point:	-117 °F/-83 °C (estimate)
Melting range:	Not applicable.
Boiling point:	Not determined.
Vapor pressure:	Not determined.
Flammability:	Extremely flammable gas
Specific Gravity:	0.949 at 20°C
Vapor Pressure:	Not determined.
Vapor density:	Not determined.
Partitioning coefficient n- octanol/water [log (P <sub>ow</sub> )]:	Not determined.
Auto-ignition temperature:	860 °F/460 °C (propellant).
Decomposition temperature:	Not determined.
Viscosity, dynamic:	Not applicable.
Solubility in water:	Not determined.
VOC:	33.3%

**•SECTION 10 – STABILITY AND REACTIVITY•**

Conditions to avoid:	Application to hot surfaces. Storage above 120°F. Exposure to flame. Pressurized container may explode.
Substances to avoid:	Strong oxidizing agents, strong bases.
Hazardous reactions:	The product is stable if stored and handled as prescribed or indicated. Do not mix with bleach or other household cleansers. Vapors may form an explosive mixture with air.
Decomposition products:	Irritating gases and vapors.
Hazardous polymerization:	Will not occur.

**•SECTION 11 – TOXICOLOGICAL INFORMATION•**

<b>Acute toxicity</b>		
Oral:	LD50 Rat	14,000 mg/kg
Inhalation:	LC50 Rat	>5.1 mg/L; 4 hour
Dermal:	LD50 Rat	>10,000 mg/kg
<b>Irritation / corrosion</b>		
Skin:	Rabbit	No irritation
Eye:	Rabbit	Eye irritation
Sensitization:	Guinea Pig	Negative (OECD Test Guideline 406)
<b>Genetic toxicity</b>		
Mutagenicity:	Ames Test	Negative
Reproductive toxicity:		No teratogenetic effects in animal experiments.
Specific target organ toxicity		No information available.

COMMENT: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIC as being carcinogens.



**•SECTION 12 – ECOLOGICAL INFORMATION•**

Data applies to:		Ethyl-N-acetyl-N-butyl- $\beta$ -alaninate
Fish	<i>Danio rerio (zebra fish)</i>	LC50: > 100 mg/L; 96 hour [OECD Guideline 203]
Aquatic invertebrates	<i>Daphnia magna (water flea)</i>	EC50: > 100 mg/L; 48 hour [OECD Guideline 202]
Algae	<i>Desmodesmus subspicatus (green algae)</i>	LC50: > 100 mg/L; 72 hour [OECD Guideline 201]
Microorganisms	Bacteria	EC50 activated sludge: >1,000 mg/L; 3 hr [OECD Guideline 209]
Degradability / Persistence	99%; 43 day 11%; 28 day	OECD Guideline 303A OECD Guideline 301D
Data applies to:		Mixture
• Toxicity • Persistence • Bioaccumulation • Soil mobility		No information is available

**•SECTION 13 – DISPOSAL CONSIDERATIONS•**

Waste disposal of substance:	Pressurized gas bottle – dispose only in empty condition. Pesticidal waste. Dispose of in a RCRA-licensed facility. Do not discharge into drains/surface waters/groundwater.
Container disposal:	Dispose of in a licensed facility. Empty containers or liners may retain product residues: Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Do not puncture or incinerate. Place in trash or offer for recycling if available. If partly filled, call your local solid waste agency or 1-800-CLEANUP for disposal instructions.
RCRA Classification:	D001

**•SECTION 14 - TRANSPORT INFORMATION•**

	Hazard class	Packing group	UN ID number	Hazard label	Proper shipping name
Land transport USDOT:	2.1 Ltd. Qty <1 Liter	NA	UN 1950	2.1 (Flammable gas)	Aerosols, Flammable, 2.1 <b>Limited Quantity Exemption</b>
Sea transport IMDG	2 Ltd. Qty <1 Liter	NA	UN 1950	2 (Flammable gas)	Aerosols, Flammable, 2.1 <b>Limited Quantity Exemption</b>
Air transport IATA/ICAO	2.1 Ltd. Qty <1 Liter	NA	UN 1950	2.1 (Flammable gas)	Aerosols, Flammable, 2.1 <b>Limited Quantity: Passenger to 75 kg</b>  

(Packing instruction Y203 applies) This product does not ordinarily ship via air, therefore it has not been determined if the product container meets current IATA/ICAO package criteria. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping this item by air.

**•SECTION 15 - REGULATORY INFORMATION•**

**Federal Regulations**

Registration status:

TSCA Section 12(b) Export Notification	Not regulated
OSHA Specifically Regulated Substances	Not listed
CERCLA	None
SARA 302 Components	None
SARA 304 Emergency release notification	Not regulated
SARA 311/312	Immediate Hazard Yes Delayed Hazard No Fire Hazard Yes Pressure Hazard Yes Reactivity Hazard No
SARA 313 Components	None
SARA Extremely Hazardous Substance	No
Safe Drinking Water Act	Not regulated
Food and Drug Administration (FDA)	Not regulated

State regulations

State Right To Know	CAS Number	Chemical name
MA, NJ, PA	64-17-5	Ethyl Alcohol; Denatured Alcohol
CA Proposition 65	This material does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm at concentrations that trigger the warning requirements of California Proposition 65.	

FIFRA Labeling	This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:
Signal word:	Warning
Hazard Statement:	Harmful if swallowed. Causes substantial but temporary eye injury. Extremely flammable Contents under pressure. Exposure to temperatures above 120°F may cause bursting. This product is registered in all 50 United States. This product is not registered outside of the United States.

**•SECTION 16 - OTHER INFORMATION•**

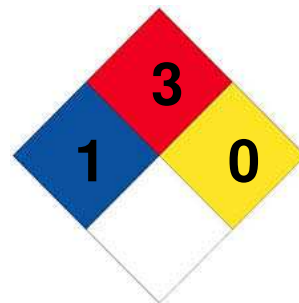
NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide emergency responders an on-the-spot alert to the hazards of a material and their severity. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

**KEY/LEGEND:** EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration.

**LITERATURE REFERENCES:** None

**DISCLAIMER:** This (M)SDS provides a brief summary of the physical and chemical characteristics of this product to guide usage and handling of the material. It is not a comprehensive document on worldwide hazard communication regulations. It is compiled from sources considered valid and accurate. Wisconsin Pharmacal assumes no responsibility for injury or damage resulting from misuse of the product.

<b>1</b>	<b>HEALTH HAZARD</b>
<b>3</b>	<b>FIRE HAZARD</b>
<b>0</b>	<b>REACTIVITY</b>
<b>B</b>	<b>PPE</b>



REVISION HISTORY	
Original Date	06/03/2015
Latest Revision	1/22/2020