

MATERIAL SAFETY DATA SHEET

MSDS9190

WISCONSIN PHARMACAL COMPANY

**1 Pharmacal Way
P.O Box 198
Jackson, WI 53037**

EMERGENCY NUMBER: 1-800-255-3924
(24 HOURS)

INFORMATION NUMBER: 1-800-558-6614
(BUSINESS HOURS)

PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Coleman Skin Smart 20% Spray

PRODUCT DESCRIPTION: Insect Repellent Formula.

PRODUCT CODE: 745, 746

EPA REG. NO. : 70759-3-79533

HMIS: Health Hazard: 2

PREPARED BY: John Nygaard

DATE PREPARED: 3-3-09

Fire Hazard: 3

Reactivity: 0

PPE: J

COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS#</u>
Denatured Alcohol	35	61116-08-3	Unknown
WATER	32	7732-18-5	Unknown
3-[N-Butyl-N-acetyl]-aminopropionic acid ethyl ester	20	52304-36-6	Unknown
POLYETHYLENE GLYCOL 400	9	25322-68-3	Unknown

COMMENTS: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

HAZARDS IDENTIFICATION

PHYSICAL STATE AND APPEARANCE Liquid. (Slightly yellowish liquid wit alcoholic odor)

EMERGENCY OVERVIEW **IMMEDIATE CONCERNS:** WARNING! FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE RESPIRATORY TRACT, EYE, AND SKIN IRRITATION.

ROUTES OF ENTRY Dermal contact. Eye contact. Inhalation. Ingestion.

POTENTIAL ACUTE HEALTH EFFECTS

EYES: May be hazardous in case of eye contact (irritant).

SKIN: If irritation persists contact a physician.

INHALATION: May be hazardous in case of inhalation (lung irritant).

INGESTION: Hazardous in case of ingestion. (Not anticipated).

POTENTIAL CHRONIC HEALTH EFFECTS

CARCINOGENIC

EFFECTS: This material is not known to cause cancer in animals or humans.

Additional information See Toxicological Information

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE

Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

FIRST AID MEASURES

EYES: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

SKIN: if irritation persists contact a physician.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt or waistband. Get medical attention immediately.

NOTES TO PHYSICIAN: None

FIRE FIGHTING MEASURES

FLAMMABILITY OF THE PRODUCT: Product will burn.

AUTO-IGNITION TEMPERATURE: N/A

FLASHPOINT AND METHOD: Closed cup: 25°C (77°F)

FLAMMABLE LIMITS: N/A

PRODUCTS OF COMBUSTION: These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...).

FIRE HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES: Highly flammable in the presence of open flames, sparks, and static discharge, of shocks, of heat.

EXPLOSION HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES:

Risks of explosion of the products in presence of static discharge: Highly flammable in presence of open flames, sparks, and static discharge.

Risks of explosion of the products in presence of mechanical impact: Highly flammable in presence of shocks.

FIRE FIGHTING MEDIA AND INSTRUCTIONS: In case of fire, use water spray (fog), foam, dry chemical, or CO₂.

PROTECTIVE CLOTHING (FIRE): Wear self-contained breathing apparatus and full protective clothing.

SPECIAL REMARKS ON FIRE HAZARDS: N/A

SPECIAL REMARKS ON EXPLOSION HAZARDS: N/A

ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

LARGE SPILL: Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.

SPILL KIT INFORMATION: No specific spill kit required for this product.

HANDLING AND STORAGE

HANDLING: Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment.

STORAGE: Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep away from heat, sparks and flame. DO NOT STORE AT TEMPERATURES ABOVE 120°F.

KEEP OUT OF REACH OF CHILDREN.

EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.

PERSONAL PROTECTION:

Eyes: Splash goggles.

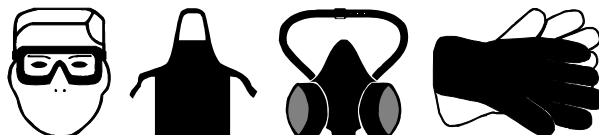
Body: Synthetic apron.

Respiratory: Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Hands: Impervious gloves

Feet: N/A

PROTECTIVE CLOTHING (PICTOGRAMS):



PERSONAL PROTECTION IN CASE OF A LARGE SPILL:

Splash goggles. Synthetic apron. Nitrile gloves. Wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear.

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

<u>Chemical Name</u>	<u>EXPOSURE LIMITS</u>	
	<u>TWA</u>	
	<u>ppm</u>	<u>mg/m³</u>
Denatured Alcohol	n/a	n/a
WATER	n/a	n/a
3-[N-Butyl-N-acetyl]-aminopropionic acid ethyl ester	n/a	n/a
POLYETHYLENE GLYCOL 400	n/a	10 per 8 hour(s)

PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid. (Slightly yellowish liquid with alcoholic odor)

ODOR: Alcohol like.

ODOR THRESHOLD: N/A

COLOR: Slightly yellowish

MOLECULAR WEIGHT: N/A

PH: N/A

WAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

COILING POINT: N/A

FREEZING POINT: N/A

SOLUBILITY IN WATER: N/A

SPECIFIC GRAVITY: N/A

VISCOCITY: N/A

MOLECULAR WEIGHT: N/A

MOLECULAR FORMULA: N/A

EVAPORATION RATE: N/A

LogK^{ow}: N/A

SOLUBILITY: N/A

STABILITY AND REACTIVITY

STABLE AND REACTIVITY: The product is stable.

CONDITIONS OF INSTABILITY: N/A

INCOMPATIBILITY WITH VARIOUS SUBSTANCES: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: Will not occur.

TOXICOLOGICAL INFORMATION

RTECS Number:	Denatured Alcohol	Not available
	Water	ZC0110000
	Ethyl Butylacetylaminopropionate	Not available
	Polyethylene Glycol 400	TQ3500000, TQ3520000, TQ3560000, TQ3580000, TQ3600000, TQ3610000, TQ3620000, TQ3630000, TQ3650000, TQ3675000, TQ3700000, TQ3800000, TQ3850000, TQ4025000, TQ4026000, TQ4027000, TQ4028000, TQ4030000, TQ4040000, TQ4041000, TQ4050000, TQ4070000, TQ4100000, TQ4105000, TQ4110000, TQ4950000, TQ5090000, TR1579850, ZD2465300

Toxicity: Acute oral toxicity (LD₅₀): 600 mg/kg [Rat]. (POLYETHYLENE GLYCOL 400).

Chronic Effects on Humans: Slightly hazardous in case of eye contact (irritant), of ingestion.

CARCINOGENIC EFFECTS: N/A

MUTAGENIC EFFECTS: N/A

TERATOGENIC EFFECTS: N/A

DEVELOPMENTAL TOXICITY: N/A

Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Acute Effects on Humans: May be hazardous in case of eye contact (irritant). If irritation persists contact a physician.

May be hazardous in case of inhalation (lung irritant). Hazardous in case of ingestion.

Synergetic Products (Toxicologically): N/A

Irritancy: Draize Test: N/A

Sensitization: N/A

Carcinogenic Effects: This material is not known to cause cancer in animals or humans.

Toxicity to Reproductive System: N/A

Teratogenic Effects: N/A

Mutagenic Effects: N/A

ECOLOGICAL INFORMATION

Ecotoxicity: N/A

BOD5 and COD: N/A

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

DISPOSAL CONSIDERATIONS

EPA Waste Number: Type: Hazardous chemical waste.

Classification: D001

Treatment: Dispose of according to all federal, state and local regulations.

TRANSPORT INFORMATION

DOT CLASSIFICATION Proper shipping name: Flammable liquid, n.o.s. (Denatured Alcohol)
 Hazard class: 3
 UN number: UN1993
 Packing Group: II
 ERG (Emergency Response Guide) No.: 128
 Additional information: -



TDG CLASSIFICATION Proper shipping name: Flammable liquid, n.o.s. (Denatured Alcohol)
 Hazard class: 3
 UN number: UN1993
 Packing Group: II
 Additional information: No additional remark.



IMO/IMDG CLASSIFICATION Proper shipping name: Flammable liquid, n.o.s. (Denatured Alcohol)
 Hazard class: 3
 UN number: UN1993
 Packing Group: II
 Additional information: No additional remark.

ICAO/IATA CLASSIFICATION Proper shipping name: Flammable liquid, n.o.s. (Denatured Alcohol)
 Hazard class: 3
 UN number: UN1993
 Packing Group: II
 Additional information: No additional remark.

REGULATORY INFORMATION

UNITED STATES

TSCA: Exempt, use of this material as an insecticide is regulated by FIFRA. For R&D use only.
 SARA 302/304/311/312 extremely hazardous substances: No products were found.
 SARA 302/304 emergency planning and notification: No products were found.
 SARA 302/304/311/312 hazardous chemicals: No products were found.
 SARA 311/312 MSDS Distribution - chemical inventory - hazard identification: No products were found.
 SARA 313 Form R Reporting Requirements - No products were found.
 SARA 313 Supplier Notification - No products were found.
 Clean Water ACT (CWA) 307: No products were found.
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112: accidental release prevention: No products were found.
 Clean air act (CAA) 112 regulated flammable substances: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: No products were found.

WHMIS (Canada)

Class B-2: Flammable liquid with a flash point lower than 37.8°C (100°F)
 Class D-2B: Material causing other toxic effects (TOXIC)
 This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all the required information.

CANNOT BE SOLD IN CANADA.

International Regulations

EINECS Unknown
DSCL (EEC) R10- Flammable.
International Lists Unknown

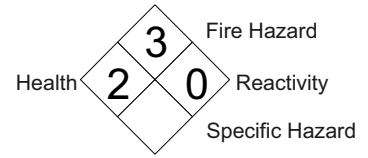
State Regulations: No products were found.

OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

Health	*	2
Fire Hazard		3
Reactivity		0
Personal Protection		J

National Fire Protection Association (U.S.A.)



COMMENTS: The data contained herein is based on information currently available to the Wisconsin Pharmacal Co. Inc., and believed to be factual and the opinions expressed to be those of qualified experts; however, this data is not to be taken as a warranty or representation for which the Wisconsin Pharmacal Co. Inc. assumes legal responsibility.