

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION

June 2, 2010

S00856

2010

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SECTION 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

S00856

PRODUCT NAME

SP 856 Insect Repellent II

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY
 KRYLON PRODUCTS GROUP
 Cleveland, OH 44115

Telephone Numbers and Websites

Product Information	(800) 251-2486	www.kpg-industrial.com
Regulatory Information	(216) 566-2902	www.paintdocs.com
Medical Emergency	(216) 566-2917	
Transportation Emergency*	(800) 424-9300	

*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)

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SECTION 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by Weight	CAS Number	Ingredient	Units	Vapor Pressure
8	74-98-6	Propane		
		ACGIH TLV	2500 PPM	760 mm
		OSHA PEL	1000 PPM	
17	106-97-8	Butane		
		ACGIH TLV	800 PPM	760 mm
		OSHA PEL	800 PPM	
38	67-63-0	2-Propanol		
		ACGIH TLV	200 PPM	33 mm
		ACGIH TLV	400 PPM STEL	
		OSHA PEL	400 PPM	
3	67-64-1	Acetone		
		ACGIH TLV	500 PPM	180 mm
		ACGIH TLV	750 PPM STEL	
		OSHA PEL	1000 PPM	
3	136-45-8	Dipropyl Isocinchomeronate		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
25	134-62-3	Diethyltoluamide		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
5	Proprietary	n-Octyl Bicycloheptene Dicarboximide		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	

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SECTION 3 -- HAZARDS IDENTIFICATION

HMIS Codes

Health 3
Flammability 4
Reactivity 0

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
INHALATION: Irritation of the upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

SECTION 4 -- FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN: Wash affected area thoroughly with soap and water.
Remove contaminated clothing and launder before re-use.
INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT

Propellant < 0 °F

LEL

1.9

UEL

12.8

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Containers may explode when exposed to extreme heat.
Application to hot surfaces requires special precautions.
During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent.
Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.
Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

- * Remove all sources of ignition. Ventilate the area.
- * Remove with inert absorbent.

SECTION 7 -- HANDLING AND STORAGE

This product is toxic to fish. Do not allow product to enter groundwater, streams, lakes or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

STORAGE CATEGORY

Not Available

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.
During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

SECTION 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.
Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.
Wash hands after using.

Do not use in commercial food/feed handling establishments, restaurants or other sites where food/feed is commercially prepared or processed. Do not use in Federally Inspected meat and poultry plants.

Do not allow children or pets to contact treated surfaces until spray has dried. Do not spray air in rooms or use on plants. Avoid spraying vegetation directly. Apply as a surface spray only. Do not spray to contact food, feedstuffs or water supplies. Thoroughly wash dishes and food-handling utensils contaminated with this product. Remove pets and cover fish bowls before spraying.

Do not contaminate water, food or feed by storage or disposal. Do not store near heat or open flame. Store in cool area away from children.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

PROTECTIVE GLOVES

Wear chemical-resistant gloves to prevent skin contact.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	6.39 lb/gal	766 g/l
SPECIFIC GRAVITY	0.77	
BOILING POINT	<0 - 369 °F	<-18 - 187 °C
MELTING POINT	Not Available	
VOLATILE VOLUME	75%	
EVAPORATION RATE	Faster than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)
Volatile Weight 65.0 % Less Water and Federally Exempt Solvents

SECTION 10 -- STABILITY AND REACTIVITY

STABILITY -- Stable

CONDITIONS TO AVOID -- None known

INCOMPATIBILITY -- None known

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

CAS No.	Ingredient Name
74-98-6	Propane
	LC50 RAT 4HR Not Available
	LD50 RAT Not Available
106-97-8	Butane
	LC50 RAT 4HR Not Available
	LD50 RAT Not Available
67-63-0	2-Propanol
	LC50 RAT 4HR Not Available
	LD50 RAT 5045 mg/kg
67-64-1	Acetone
	LC50 RAT 4HR Not Available
	LD50 RAT 5800 mg/kg
136-45-8	Dipropyl Isocinchomeronate
	LC50 RAT 4HR Not Available
	LD50 RAT 5230 mg/kg
134-62-3	Diethyltoluamide
	LC50 RAT 4HR Not Available
	LD50 RAT 1950 mg/kg
Proprietary	n-Octyl Bicycloheptene Dicarboximide
	LC50 RAT 4HR Not Available
	LD50 RAT 2800 mg/kg

SECTION 12 -- ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water.

ECOTOXICOLOGICAL INFORMATION

No data available.

SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 -- TRANSPORT INFORMATION

US Ground (DOT)

May be classed as Consumer Commodity, ORM-D
UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, (ERG#126)

Canada (TDG)

May be classed as Consumer Commodity, ORM-D
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, (ERG#126)

IMO

May be shipped as Limited Quantity
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, EmS F-D, S-U, ADR (D)

SECTION 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT
136-45-8	Dipropyl Isocinchomeronate	3

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 -- OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.