

MATERIAL SAFETY DATA SHEET

S00857

04 00

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER	HMIS CODES
S00857	Health 2
	Flammability 4
	Reactivity 0
PRODUCT NAME	
SP 857 BLAST'EM* Wasp & Hornet Killer Aerosol	
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
Sprayon Products	(216) 566-2917
Cleveland, OH 44115	
DATE OF PREPARATION	INFORMATION TELEPHONE NO.
30-AUG-12	(800) 777-2966

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
92	64742-47-8	Heavy Aliphatic Solvent		
		ACGIH TLV	Not Available	0.2 mm
		OSHA PEL	Not Available	
5	67-63-0	2-Propanol		
		ACGIH TLV	400 ppm	33 mm
		ACGIH TLV	500 ppm STEL	
		OSHA PEL	400 ppm	
		OSHA PEL	500 ppm STEL	
0.5	51-03-6	Piperonyl Butoxide		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
0.3	52645-53-1	Permethrin		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
3	124-38-9	Carbon Dioxide		
		ACGIH TLV	5000 ppm	760 mm
		OSHA PEL	5000 ppm	

Section 3 -- HAZARDS IDENTIFICATION

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.

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## 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.

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## Section 4 -- FIRST AID MEASURES

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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.

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## Section 5 -- FIRE FIGHTING MEASURES

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FLASH POINT	LEL	UEL
53 °F PMCC	0.7	12.7

## 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.

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## 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.

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## Section 7 -- HANDLING AND STORAGE

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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

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 PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat and open flame.

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.

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 Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION
 

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## 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.

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 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES
 

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PRODUCT WEIGHT	6.6 lb/gal	787 g/l
SPECIFIC GRAVITY	0.79	
BOILING POINT	<0 - 460 F	<-18 - 237 C
MELTING POINT	Not Available	
VOLATILE VOLUME	99 %	
EVAPORATION RATE	Faster than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)		
Volatile Weight 96.65 %	Less Water and Federally Exempt Solvents	

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 Section 10 -- STABILITY AND REACTIVITY
 

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STABILITY -- Stable  
 CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

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 Section 11 -- TOXICOLOGICAL INFORMATION
 

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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.

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TOXICOLOGY DATA

CAS No.	Ingredient Name				
64742-47-8	Heavy Aliphatic Solvent	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
67-63-0	2-Propanol	LC50	RAT	4HR	Not Available
		LD50	RAT		5045 mg/kg
51-03-6	Piperonyl Butoxide	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
52645-53-1	Permethrin	LC50	RAT	4HR	Not Available
		LD50	RAT		410 mg/kg
124-38-9	Carbon Dioxide	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available

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 Section 12 -- ECOLOGICAL INFORMATION
 

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ENVIRONMENTAL HAZARDS

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

ECOTOXICOLOGICAL INFORMATION

No data available.

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 Section 13 -- DISPOSAL CONSIDERATIONS
 

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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 number.

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

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Section 14 -- TRANSPORT INFORMATION

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US Ground (DOT)

May be classed as LTD. QTY. OR ORM-D  
UN1950, AEROSOLS, 2.2, LIMITED QUANTITY, (ERG#126)

Canada (TDG)

May be classed as LTD. QTY. OR ORM-D  
UN1950, AEROSOLS, CLASS 2.2, LIMITED QUANTITY, (ERG#126)

IMO

May be shipped as Limited Quantity  
UN1950, AEROSOLS, CLASS 2, LIMITED QUANTITY, EmS F-D, S-U, ADR (D)

IATA/IACO

UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LIMITED QUANTITY

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Section 15 -- REGULATORY INFORMATION

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SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

TSCA CERTIFICATION

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

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Section 16 -- OTHER INFORMATION

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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.