

MATERIAL SAFETY DATA SHEET

S00702  
03 00

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER	DATE OF PREPARATION	HMIS CODES
S00702	10-FEB-08	Health 2 Flammability 2 Reactivity 0

PRODUCT NAME  
SPRAYON® Engine Degreaser

MANUFACTURER'S NAME  
THE SHERWIN-WILLIAMS COMPANY  
Consumer Group - Industrial  
Cleveland, OH 44115

TELEPHONE NUMBERS and WEBSITES

Product Information  
(800) 251-2486  
Regulatory Information  
(216) 566-2902      www.paintdocs.com  
Medical Emergency  
(216) 566-2917  
Transportation Emergency      for Chemical Emergency ONLY (spill, leak,  
(800) 424-9300      fire, exposure, or accident)

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
2	74-98-6	Propane		
		ACGIH TLV	2500 ppm	760 mm
		OSHA PEL	1000 ppm	
4	106-97-8	Butane		
		ACGIH TLV	800 ppm	760 mm
		OSHA PEL	800 ppm	
15	5989-27-5	d-Limonene		
		ACGIH TLV	Not Available	2 mm
		OSHA PEL	Not Available	
3	67-63-0	2-Propanol		
		ACGIH TLV	200 ppm	33 mm
		ACGIH TLV	400 ppm STEL	
		OSHA PEL	400 ppm	
3	111-76-2	2-Butoxyethanol		
		ACGIH TLV	20 ppm	0.88 mm
		OSHA PEL	25 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.

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**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.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary and blood forming systems.

**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**

None generally recognized.

**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
Propellant < 0 F	0.7	12.7

**EXTINGUISHING MEDIA**

Carbon Dioxide, Dry Chemical, Alcohol Foam

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Closed containers may explode (due to the build-up of pressure) 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

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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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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.

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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.

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

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

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 7.66 lb/gal 918 g/l  
 SPECIFIC GRAVITY 0.92  
 BOILING POINT <0 - 343 F <-18 - 172 C  
 MELTING POINT Not Available  
 VOLATILE VOLUME 99 %  
 EVAPORATION RATE Faster than ether  
 VAPOR DENSITY Heavier than air  
 SOLUBILITY IN WATER N.A.  
 pH 7.0  
 VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)  
 Volatile Weight 27.00% 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
 

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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
5989-27-5	d-Limonene	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
67-63-0	2-Propanol	LC50	RAT	4HR	Not Available
		LD50	RAT		5045 mg/kg
111-76-2	2-Butoxyethanol	LC50	RAT	4HR	Not Available
		LD50	RAT		470 mg/kg

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 Section 12 -- ECOLOGICAL INFORMATION
 

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## 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 numbers.

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 Consumer Commodity, ORM-D  
UN1950, AEROSOLS, 2.2, LIMITED QUANTITY, (ERG#126)

## Canada (TDG)

May be classed as Consumer Commodity, ORM-D  
UN1950, AEROSOLS, CLASS 2.2, LIMITED QUANTITY, (ERG#126)

## IMO

May be shipped as Limited Quantity  
UN1950, AEROSOLS, CLASS 2.2, LIMITED QUANTITY, EmS F-D, S-U

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 Section 15 -- REGULATORY INFORMATION
 

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## SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
	Glycol Ethers	3	

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## 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.