

MATERIAL SAFETY DATA SHEET

Radiator Specialty Company

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POISON INFORMATION & EMERGENCY: 303-623-5716

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

US DEPARTMENT OF LABOR

Occupational Safety and Health Administration.
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

SECTION I GENERAL INFORMATION

PRODUCT NAME SWAB @ CONCRETE SPOT CLEANER
PART NUMBER SW -1

NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	WT%	C.A.S. NO.	TLV (ACGIH-----OSHA-----)
Ethoxylated Nonyl Phenol	3-5	9016-45-9	Not available
Aliphatic Petroleum Distillate *	80-88	68476-34-6	500 ppm (Air)
Aromatic Petroleum Distillate	6-9	64742-94-5	100 ppm (Air)
2-Butoxy-1-Ethanol *	1-2	111-76-2	25 ppm (Skin)
Alkyl Aryl Sulfonate	<1	78330-12-8	5 mg/m ³
Carbon Dioxide (Propellant)	1-3	124-38-9	5000 ppm (Air)

* This chemical is subject to reporting requirements of Section 313, SARA Title III

Comments: N. F. P. A. AEROSOL LEVEL - 3

Components not identified are non-hazardous according to 29 CFR 1910.1200

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1)	.86	pH	N/A
Solubility in Water	Emulsifies	Solubility in Solvent	Petroleum
Flash Point (Method) - F^o	>165 ^o F. (TCC)	% Volatiles By Wt.	>90%
Melting Point - F^o	N/A	Boiling Point - F^o	305 ^o F
Vapor Pressure (mm Hg)	Not available	Vapor Density (Air=1)	1.2
Evaporation Rate (Butyl Acetate=1)	N/A		
Appearance and Odor	Amber liquid with petroleum odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Caution: COMBUSTIBLE!
Water Fog XX **Foam** XX **CO₂** XX **Dry Chemical** XX

SPECIAL FIRE FIGHTING PROCEDURES. Wear self-contained, positive pressure breathing apparatus and protective clothes. Cool containers with water spray. Use shield to protect from venting, or bursting cans.

UNUSUAL FIRE AND EXPLOSION HAZARDS At elevated temperatures, containers may vent, rupture or burst, even violently.

SECTION V REACTIVITY DATA

Stable XX	Unstable	Corrosive NO	Hazardous Polymerization? Yes	No XX
Incompatibilities Strong oxidizing agents.				
Hazardous Decomposition or Byproducts High Temperatures and ignition sources produce products of combustion: carbon monoxide, sulfur like smoke.				

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product	25 ppm (skin)			
EYE CONTACT	Severe irritant. Prolonged exposure may cause eye burns.	SKIN CONTACT	Irritant-defatting. Over exposure may cause dermatitis	
INHALATION	Over exposure may cause nausea, headache and respiratory irritation.	INGESTION	HARMFUL OR FATAL IF SWALLOWED!	
OTHER	N/A			

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT	Flush thoroughly with water for 15 minutes while lifting eyelids. Consult a physician immediately.			
SKIN CONTACT	Wash thoroughly with soap and water. Remove contaminated clothing and launder before re-use.			
INHALATION	Move to fresh air immediately. If breathing is difficult, administer oxygen; if breathing has stopped, apply artificial respiration. Keep warm and summon medical assistance.			
INGESTION	Drink water. DO NOT INDUCE VOMITING! DO NOT ADMINISTER ADRENALINE OR EPINEPHRINE! Get medical attention immediately!			

SECTION VIII SPECIAL PROTECTION INFORMATION

	CONSUMER	BULK HANDLING (Prolonged Exposure)
RESPIRATORY PROTECTION	N/A	NIOSH approved respirator
VENTILATION	Use with adequate ventilation.	General
EYE PROTECTION	Goggles	Fully protective goggles or face shield
PROTECTIVE CLOTHING	N/A	Solvent-resistant gloves and apron

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURE	Observing health hazards described above, remove ignition sources, ventilate area. Wipe up with rags or use dry absorbent and shovel into a waste drum.
WASTE DISPOSAL METHOD	<i>Dispose of in accordance with all applicable government laws and regulations.</i>
STORAGE AND HANDLING PRECAUTIONS	Store in a cool place below 120°F. away from acids, ignition sources and oxidizing agents.
OTHER PRECAUTIONS	WEARING CONTACT LENSES IS INADVISABLE WHILE USING THIS PRODUCT! KEEP AWAY FROM CHILDREN AND ANIMALS! RESPECT ALL CHEMICALS! DO NOT PUNCTURE OR INCINERATE CONTAINERS.

HAZARD INFORMATION LABEL DATA	
HAZARD CODE	FLAMMABILITY 2 REACTIVITY 0
4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Negligible	HEALTH *pr SPECIAL
*pr=pressure	

Supersedes AUGUST 1996

OSHA Revised MARCH 1999

Title R. GEER - CHEMIST

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