

MATERIAL SAFETY DATA SHEET

180-2958  
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Section 1 -- PRODUCT AND COMPANY IDENTIFICATION  
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PRODUCT NUMBER		HMIS CODES	
180-2958		Health	3
		Flammability	0
		Reactivity	0
PRODUCT NAME			
Clean & Etch			
MANUFACTURER'S NAME		EMERGENCY TELEPHONE NO.	
THE SHERWIN-WILLIAMS COMPANY		(216) 566-2917	
101 Prospect Avenue N.W.			
Cleveland, OH 44115			
DATE OF PREPARATION		INFORMATION TELEPHONE NO.	
05-MAR-06		(216) 566-2902	

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Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS  
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% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
2	9016-45-9	Nonylphenoxy poly(ethoxy) ethanol		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
43	7664-38-2	Phosphoric Acid		
		ACGIH TLV	1 mg/m3	
		ACGIH TLV	3 mg/m3	STEL
		OSHA PEL	1 mg/m3	
		OSHA PEL	3 mg/m3	STEL

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Section 3 -- HAZARDS IDENTIFICATION  
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ROUTES OF EXPOSURE  
 INHALATION of vapor or spray mist.  
 EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE  
 EYES: Causes burns.  
 SKIN: Causes burns.  
 INHALATION: Causes burns of the upper respiratory system.

SIGNS AND SYMPTOMS OF OVEREXPOSURE  
 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 IMMEDIATELY.

SKIN: Wash affected area thoroughly with soap and water.  
If irritation persists or occurs later, get medical  
attention.  
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  
Not Applicable N.A. N.A.

FLAMMABILITY CLASSIFICATION  
Not Applicable

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.  
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 Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE  
Keep container closed when not in use. Transfer only to approved  
containers with complete and appropriate labeling. 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.

Do not get in eyes, or on skin or clothing. Do not breathe vapor or 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

To prevent skin contact, wear gloves which are recommended by glove supplier for protection against materials in Section 2.

## EYE PROTECTION

To prevent eye contact, wear safety spectacles with unperforated sideshields.

## OTHER PROTECTIVE EQUIPMENT

Use barrier cream on exposed skin.

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 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES  
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PRODUCT WEIGHT	10.51 lb/gal	1259 g/l
SPECIFIC GRAVITY	1.26	
BOILING POINT	212 - 213 F	100 - 100 C
MELTING POINT	Not Available	
VOLATILE VOLUME	70 %	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
pH	1.0	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)		
0.00 lb/gal	0 g/l	Less Water and Federally Exempt Solvents
0.00 lb/gal	0 g/l	Emitted VOC

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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, Phosphoric Acid Fumes, Oxides of Phosphorus

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.

## TOXICOLOGY DATA

CAS No.	Ingredient Name				
9016-45-9	Nonylphenoxy poly(ethoxy) ethanol	LC50	RAT	4HR	Not Available
		LD50	RAT		3310 mg/kg
7664-38-2	Phosphoric Acid	LC50	RAT	4HR	Not Available
		LD50	RAT		1350 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 corrosivity to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed 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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No data available.

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

## 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.

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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.