



5332 Dansher Road
Countryside, Illinois 60525

MATERIAL SAFETY DATA SHEET

Revision Date: 8/17/2005

MSDS No. N700

Emergency Phones: 708-579-8100 (NYCO)

800-424-9300 (CHEMTREC)

PLEASE NOTE: This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL and STATE RIGHT-TO-KNOW regulations. Also make this information available to any employee who requests it. It is your obligation to comply with these regulations.

SECTION I - PRODUCT IDENTITY

PRODUCT NAME: White Ocean Foam Porcelain & Tile Cleaner Disinfectant

Formula: Mixture, water, detergents, phosphoric acid, additives

Chemical Type: Mineral acid and additives

EPA No.: 8370-20

HMIS RATINGS

Health = 3 (Serious)	Flammability = 0 (Insignificant)
Reactivity = 0 (Minimal)	Protection = C (Safety Glasses, Gloves, Synthetic Apron)

SECTION II - HAZARDOUS INGREDIENTS

	PERCENT	TLV	STEL	CARCINOGEN (OSHA,TP,IARC)
Phosphoric Acid CAS No. 7664-38-02	<20%	1 mg/m ³	3 mg/m ³	None
Didecyl dimethyl ammonium chloride CAS No. 7137-51-5	1.35%	None	No	
n-alkyl(C14-50%,C12-40%,C16-10%) dimethyl benzyl Ammonium chloride CAS No. 8001-54-5	0.9%	None	No	

SECTION III - CHEMICAL AND PHYSICAL

Appearance: Colorless Liquid	Boiling Point: 210° F
Odor: None	Melting Point: N/A
Ph: <1	Spec. Gravity (H ₂ O = 1): 1.08
Water Solubility: Complete	Vapor Pressure (Mm Hg): N/A
Viscosity (Brookfield): > 800 Cps	VOC Content: None

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point (Method): None	Explosion Limits: Upper: N/A Lower: N/A
Extinguishing Media: N/A (product is non-flammable)	
Special Firefighting Procedures and Hazards: Avoid skin and eye contact, and breathing of acid vapors. Wear head and body protection and acid respirator if exposure to liquid is likely.	

SECTION V - REACTIVITY INFORMATION

Stable: <input checked="" type="checkbox"/>	Unstable: <input type="checkbox"/>
Precautions: Incompatibility: Strong alkalis, materials not resistant to strong acids, active metals (zinc, aluminum, magnesium, etc).	
Hazardous Decomposition Products: Possible phosphorus oxide fumes at fire temperatures. Contact with active metals can release flammable gas.	
Hazardous Polymerization: Occurs: <input type="checkbox"/>	Does Not Occur: <input checked="" type="checkbox"/>

SECTION VI - HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

- Inhalation:** Breathing of vapor can cause respiratory irritation and inflammation. If necessary, wear approved acid vapor/ mist respirator if exposure is likely. Remove party to fresh air and give artificial respiration or oxygen if needed. Get medical attention.
- Skin:** Corrosive. Causes irritation and burns. Wear acid resistant protective gloves if working with product concentrate. Provide convenient safety showers. Flush skin with water for 15 minutes. Get medical attention if irritation persists. Remove contaminated clothing and launder before re-use. Discard contaminated shoes.
- Eyes:** Corrosive. Causes eye damage. Wear splash proof goggles or side shield safety glasses. Provide convenient eyewash stations. Flush immediately with water for 15 minutes. Get prompt medical attention.
- Ingestion:** Corrosive. Causes irritation and burning in mouth and throat. Avoid swallowing. If swallowed, drink lots of water or, preferably, milk. Get medical attention if effects persist. Do not induce vomiting.

Most likely routes of entry: Skin, Eyes, Inhalation

Other Important Medical or Precautionary Information: None

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Larger spills should be contained by diking or other methods and held for collection and/or reuse, or for neutralization with alkali before collection and disposal. Personnel should use eye and skin protection.

Storage and Handling: Check daily for any leaks from containers, vessels, pumps, and piping. Have water hoses and alkali (caustic soda, lime, etc.) convenient. Only use containers and equipment designed for acid service. Use a respirator if area is poorly ventilated.

Waste Disposal: If neutralized, may be disposable in sewers if local regulations permit. Otherwise, send to licensed treatment and disposal facility. As supplied, this product is a RCRA hazardous waste.

Empty Containers: Rinse well before handling and disposal.

Other Precautions: Areas of use and storage should be ventilated adequately to reduce vapors below odor level.

SECTION VIII - REGULATORY INFORMATION

Reportable for SARA Title III, S.313 (Form R): Phosphoric acid.

The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, NYCO Products Company cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability, for its use.

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Wood Royal Semi-Transparent Acrylic / Alkyd Deck & Siding Stain
Clear Base

Product Code Identification Number: 145A340

MSDS Number:



GENERAL USE: Protective Coating

PRODUCT DESCRIPTION: Alkyd / Acrylic coating

MANUFACTURER'S NAME

Ace Hardware Paint Division

DATE PREPARED: April 22, 2006

SUPERSEDES: September 14, 2002

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ADDRESS (NUMBER, STREET, P.O. BOX)
21901 South Central Avenue

TELEPHONE NUMBER FOR INFORMATION
(800) 311-8324

(CITY, STATE AND ZIP CODE)

COUNTRY

EMERGENCY TELEPHONE NUMBER

Matteson, IL 60443-2800

USA

Infotrac (800) 535-5053 Outside USA (352) 323-3500

DISTRIBUTOR'S NAME

Ace Hardware Corporation

TELEPHONE NUMBER FOR INFORMATION
(800) 311-8324

ADDRESS (NUMBER, STREET, P.O. BOX)
2200 Kensington Court

(CITY, STATE AND ZIP CODE)

COUNTRY

EMERGENCY TELEPHONE NUMBER

Oak Brook, IL 60523-2100

USA

Infotrac (800) 535-5053 Outside USA (352) 323-3500

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	%	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M3	PPM	MG/M3		
Dipropylene glycol methyl ether (a)	34590-94-8	1 - 5	100	600	100			

(a) Indicates an employee's skin exposure shall be prevented or reduced to the extent necessary in the circumstances through the use of gloves, coveralls, goggles, or other appropriate equipment.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Mild liquid, contact with eyes may cause irritation, prolonged contact with skin may cause irritation. Ingestion may cause gastric distress. Hazard symbols for this product - Not classified Risk Phrases - None

POTENTIAL HEALTH EFFECTS

INHALATION: Exposure to vapors not likely. High concentrations may be irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting and malaise.

SKIN: Brief contact may cause slight irritation; prolonged contact may cause moderate irritation.

EYES: Contact may cause slight temporary irritation. Corneal injury is unlikely.

INGESTION: Small amounts ingested are not likely to cause injury. Ingestion of large amounts may cause headache, dizziness, diarrhea and general weakness.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No



MATERIAL SAFETY DATA SHEETPRODUCT NAME: Wood Royal Semi-Transparent Acrylic / Alkyd Deck & Siding Stain Clear Base
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SECTION 4 - FIRST AID MEASURES**INHALATION:** Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.**SKIN:** Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.**EYES:** Check for and remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.**INGESTION:** Do not induce vomiting unless directed to do so by medical personnel; never give anything by mouth to an unconscious person; seek medical attention.**SECTION 5 - FIRE FIGHTING MEASURES****FLASH POINT (METHOD USED)**

Non-flammable

FLAMMABLE LIMITS

LEL: Not applicable

UEL: Not applicable

AUTOIGNITION TEMPERATURE: Not determined**NFPA CLASS:** None**GENERAL HAZARDS:** Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.**EXTINGUISHING MEDIA**

Carbon dioxide, water, water fog, dry chemical, chemical foam

FIRE FIGHTING PROCEDURES

Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

HAZARDOUS COMBUSTION PRODUCTS

Smoke, fumes or vapors, oxides of carbon.

SECTION 6 - ENVIRONMENTAL RELEASE MEASURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** This concentrated product should not be allowed to enter soil or surface water - confine spill, soak up with approved absorbent, shovel product into approved container for disposal. Wash area with plenty of water. Do not discharge into lakes, ponds, streams or public waters.**SECTION 7 - HANDLING AND STORAGE****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****ENGINEERING CONTROLS**

The use of local exhaust ventilation is recommended. No other special controls are indicated.

PERSONAL PROTECTION:**RESPIRATORY PROTECTION (SPECIFY TYPE):** None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.**PROTECTIVE GLOVES:** Neoprene, butyl or nitrile rubber gloves with cuffs.**EYE PROTECTION:** Chemical safety goggles.**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Coveralls, apron, or other equipment should be worn to minimize skin contact, safety eyewear.**WORK / HYGIENIC PRACTICES:** Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (MM Hg) 17 mm Hg @ 20° C	VAPOR DENSITY (AIR = 1) > 1
SPECIFIC GRAVITY (WATER = 1) 1.001	EVAPORATION RATE (WATER = 1) < 1
SOLUBILITY IN WATER Dispersible	FREEZING POINT 32° F (0° C)
pH 8.5 - 9.5	APPEARANCE AND ODOR Transparent viscous liquid, slight ammonia odor
BOILING POINT 214° F (101° C)	PHYSICAL STATE Liquid
VISCOSITY (FORD 4) 12 - 25 sec	

SECTION 10 - STABILITY AND REACTIVITY

STABILITY UNSTABLE: STABLE: XXX	CONDITIONS TO AVOID: Extreme temperatures, keep from freezing
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INCOMPATIBILITY (MATERIALS TO AVOID):
 Strong oxidizers, strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX	CONDITIONS TO AVOID: None
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SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Dipropylene glycol methyl ether (a)	34590-94-8	252-104-2	5135 mg / kg Oral - rat	Not established

SECTION 12 - ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations; this concentrated product should not be discharged into soil, lakes, ponds, streams or public waters. Product is classified as non-hazardous, however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not Regulated

DOT HAZARD CLASS / Pack Group: None / None
 REFERENCE: Not Applicable
 UN / NA IDENTIFICATION NUMBER: None
 LABEL: None Required
 HAZARD SYMBOLS: None

IATA HAZARD CLASS / Pack Group: None
 IMDG HAZARD CLASS: None
 RID/ADR Dangerous Goods Code: None
 UN TDG Class / Pack Group: None
 Hazard Identification Number (HIN): None

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

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PRODUCT NAME: Wood Royal Semi-Transparent Acrylic / Alkyd Deck & Siding Stain Clear Base
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SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories
 Immediate health

313 Reportable Ingredients:
 None

CERCLA (Comprehensive Response Compensation and Liability Act)
 None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986
 There are no chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)
 This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: Not controlled

IDL (Canadian Ingredient Disclosure List)
 Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)
 Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)
 Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

<p>EC Risk Phrases Not classified</p>	<p>SYMBOL(S) REQUIRED FOR LABEL None</p>	<p>EC Safety Phrases S2 Keep out of the reach of children. S25 Avoid contact with eyes.</p>
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SECTION 16 - OTHER INFORMATION

No specific notes.

<p>HMIS HAZARD RATINGS</p>	<p>HEALTH FLAMMABILITY PHYSICAL HAZARD</p>	<p>1 0 0</p>	<p>* = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME</p>
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REVISION SUMMARY: This MSDS has been revised in the following sections:
 Format revision

MSDS Prepared by: Comprehensive Data Base, Inc.
 P.O. Box 5604
 Lakeland, FL 33807 USA
 (863) 644 - 3298 www.compdatabase.com

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

