



ARMOR ALL PROFESSIONAL
 Acuity Specialty Products Group, Inc.
 P.O. BOX 2015
 ATLANTA, GA 30301
 1 (866) 276-6725

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name AA-1404
Product Use Touch-Free Presoak
Product Code M594
Date of issue 03/22/04 **Supersedes**

Emergency Telephone Numbers For MSDS Information:
 Armor All Customer Service
 1 (866) 276-6725

For Medical Emergency:
 INFOTRAC
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Printing date: 03/22/04

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
SODIUM HYDROXIDE; caustic soda; soda lye	1310-73-2	<10	ACGIH / OSHA (United States). CEIL: 2 mg/m ³
PROPRIETARY SOLVENT BLEND	Proprietary	10-20	OSHA PEL (United States). Skin TWA: 25 ppm 8 hour(s). Form: Vapor OSHA PEL (United States). TWA: 3 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Absorbed through skin. Eye contact. Inhalation. Ingestion.

Skin Hazardous in case of skin contact (irritant, permeator). Skin inflammation is characterized by itching, scaling, or reddening. May be harmful if absorbed through the skin.

Eyes Hazardous in case of eye contact (corrosive). Direct contact with the eyes can cause irreversible damage including blindness.

Inhalation Over-exposure by inhalation may cause respiratory irritation.

Ingestion May be fatal if swallowed. May cause burns to mouth, throat and stomach.

HMIS	
Health	3
Fire Hazard	0
Reactivity	0
Personal Protection	D, q

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects The substance may be toxic to kidneys, liver and red blood cells. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin Contact In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms persist.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call medical attendant, medical doctor, or poison control center immediately.

Section 5. Fire Fighting Measures

Flash Point	Not applicable.	Flammable Limits	Not applicable.
Flammability	Not applicable.		
Fire Hazard	Not applicable.		
Fire-Fighting Procedures	Not applicable.		

**Section 6. Accidental Release Measures**

Spill Clean up	Put on appropriate personal protective equipment (see Section 8). Absorb with an inert material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
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Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 40°F and 120°F.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes	Splash goggles. Recommended: Face shield.	
Body	Butyl gloves. Wear appropriate protective clothing to prevent skin contact. Recommended: Chemical resistant apron, Boots.	
Respiratory	Use with adequate ventilation. If concentrations exceed recommended exposure levels, wear an approved/certified respirator until engineering controls are achieved.	

Section 9. Physical and Chemical Properties

Physical State	Liquid.	Color	Clear. Colorless.
pH	13.5 - 14.0	Odor	Mild.
Boiling Point	100°C (212°F)	Vapor Pressure	Not determined.
Specific Gravity	1.09 (Water = 1)	Vapor Density	Not determined.
Solubility	Easily soluble in cold water, hot water.	Evaporation Rate	1 compared to Water
		VOC (Consumer)	6.3% ; 0.57 lb/gal ; 69 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Reactive with oxidizing agents, acids.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ...), and unspecified organic materials.

Section 11. Toxicological Information

Toxicity to Animals	No specific data. Testing not conducted.
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Section 12. Ecological Information

Ecotoxicity	Not available.
Biodegradable/OECD	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.	Waste Stream	Code: D002 Classification: - (Hazardous waste.)
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Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name	Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide)
DOT Classification	Class 8: Corrosive liquid.
	UN number 3266

Section 15. Regulatory Information

U.S. Federal Regulations	SARA 313 toxic chemical notification and release reporting: Glycol Ethers Clean Water Act (CWA) 311: No products were found. Clean air act (CAA) 112 regulated toxic substances: Glycol Ethers
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State Regulations	California prop. 65: No products were found.
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Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.
Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.