

MATERIAL SAFETY DATA SHEET
Emergency Telephone Number
For

Department of Transportation and Medical Response (800) 535-5053

Advance Cleaning Products

3841 W. Wisconsin Ave.
Milwaukee, WI 53208
Product name: **Resolve**
Product code: **0318**

	HMIS	NFPA
Health	3	3
Flammability	0	0
Reactivity	0	0

Section II - Hazardous Ingredients

CAS Number	Chemical Component	%	TLV (ppm)	Hazard Data
1310-73-2	Sodium Hydroxide	<0.5	2mg/m ³	PEL=2mg/m ³
111-76-2	Butoxyethanol	4	50	
000-141-435	2-Aminoethanol	0.1	3	
6834-92-0	Sodium silicate	2		

Section IIA - Other Ingredients

CAS Number	Chemical Component	%
7732-18-5	Water	0-95
64-02-8	Tetrasodium salt of EDTA	0-5
7632-00-0	Sodium Nitrite	0-5
111-42-2	Diethanolamine	0-5
26027-38-3	Nonyl Phenol polyethylene glycol ether	0-5
Unknown	Fragrance & Dye	0-1

Section III - Physical Data

Solid: Liquid: X
Specific Gravity: 1.0
Solubility in water: Complete
% Volatiles: 0

Appearance: Yellow
Odor: Butyl odor
Freezing Point: 32°F.
pH: 13

Section IV - Fire and Explosive Data

Flash Point: > 210° F - Closed Cup

Extinguishing Media: CO₂, Water Fog, Dry Chemical, Foam

Special Fire Hazards and Equipment Required: Firefighters should wear self-contained breathing apparatus and wear impervious clothing.

Section V - Reactive Hazards

Product Stable: No Yes X Hazardous Polymerization: will not occur

Conditions to avoid: Extreme heat

Incompatibility: Aluminum, strong acids
Hazardous Decomposition Products: CO, CO₂, amines, nitrogen oxides

Section VI - Health Hazards

Eyes: Severe irritation, possible permanent tissue damage and blindness
Skin: Severe irritation, burns
Ingestion: Severe damage, possibly permanent, to linings of mouth, throat, esophagus and stomach.
Inhalation: Severe respiratory tract irritation, possible tissue damage.
Principal Routes of Exposure: topical
Acute effects of Overexposure: See above
Effects of Chronic Exposure: Exposed skin areas can develop dermatitis and burns. General irritation.

First Aid Procedure - Never give fluids or induce vomiting if patient is unconscious or having convulsions. CALL A PHYSICIAN

Eyes: Immediately flush with large amounts of cool water for 15 minutes, holding lids apart. Seek medical attention immediately.

Skin: Flush affected area promptly with plenty of cool water. Remove contaminated clothing immediately and clean before reuse. Discard contaminated footwear. If irritation persists call a physician.

Ingestion: Give large amounts of water. Call a physician immediately.

Inhalation: Remove victim to fresh air. If breathing has stopped, resuscitate and administer oxygen if available. Call a physician immediately.

Section VII - Normal Handling Procedures

Precautions to be taken in Handling and Storage: Store in a secure, cool, dry area. Keep container tightly closed when not in use.

Protective Equipment:

Eyes: Chemical goggles, face shield

Gloves: Rubber

Other: Rubber apron, eye bath, boots, safety shower

Ventilation Requirements: local exhaust ventilation

Corrosive Action on Materials: Strongly corrosive

Section VIII - Spill or Leak Control Procedures

Steps to be taken in case of spills: Wear protective equipment (See Sec. VII) Stop leak. Contain spill. Collect and store in labelled approved drums for disposal.

Waste disposal methods: Contact local environmental authorities.

The above information is believed to be accurate and discloses the known hazards for this product as of this date. No additional warranties are made. Date: March 1, 1991 By: Mark Halaska