

APR 21 1990

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name/Identifier Staticide Regular /EDP		Supplier's Name		1 Flammability	0 Reactivity
Manufacturer's Name ACL, Inc.		Street Address			
Street Address 1960 East Devon Ave.		City		1 Health	0 Personal Protection
City Elk Grove Village	Province IL - U.S.A.	City	Province		
Postal Code 60007	Emergency Telephone No. (312) 981-9212	Postal Code	Emergency Telephone No.		
Chemical Name Not available	Chemical Family Quarternary Ammonium Compounds	Chemical Formula Proprietary			
Molecular Weight Not available	Trade Name and Synonyms Not applicable	Material Use Anti-static agent			

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U.N. Numbers	"Exposure limits"	LD ₅₀ , LC ₅₀ Specify Species and Route
Isopropanol	1%	67-63-0	400 ppm - OSHA	Rabbit (Dermal) 16,000 mg/kg

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/>	Odour and Appearance Pleasant odor, clear pale yellow solution	Odour Threshold (p.p.m.) Not avail	Specific Gravity 0.99
Vapour Pressure (mm) @20°C=18 est.	Vapour Density (Air = 1) 2 est.	Evaporation Rate 1 est. (Water=1)	Boiling Point (°C) Over 93
Solubility in Water (20°C) Miscible	% Volatile (by volume) 98.5%	pH 7.1+1	Freezing Point (°C) Less than 0
		Density (g/ml) 0.99	Coefficient of water oil distribution Not available

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, under which conditions: If solution is heated and isopropanol evaporates, the fumes may ignite.
Means of Extinction Foam, Carbon Dioxide, Water, Sand	
Special Procedures Keep fire exposed container cool with water.	
Flashpoint (°C) and Method Extinguishes flame	Upper explosion limit (% by volume) Unknown
Auto Ignition Temperature (°C) over 60	Lower explosion limit (% by volume) Unknown
Not available	TDG Flammability Classification Difficult to burn
Explosion Data Sensitivity to Chemical Impact None	Hazardous Combustion Products Carbon Monoxide, Nitrogen Oxides
Rate of Burning Unknown	Explosive Power Not available
Sensitivity to Static Discharge Fumes will ignite	

SECTION V - REACTIVITY DATA

Chemical Stability If no, under which conditions? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Incompatibility to other substances If so, which ones? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Reactivity and under what conditions Not reactive

Hazardous Decomposition Products
If burned, Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides

Material Name/Identifier

Staticide Regular #2002

SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry Skin Contact Skin Absorption Eye Contact Inhalation Acute Inhalation Chronic Ingestion

Effects of Acute Exposure to Product

Solution may irritate eyes and may be harmful or fatal if ingested.

Effects of Chronic Exposure to Product

Unknown

LD₅₀ of Product (Specify Species and Route)

Unknown

Irritancy of Product

Non irritating under normal usage

Exposure limits of Product

Not established

LC₅₀ of Product (Specify Species)

Unknown

Sensitization to Product

Unknown

Synergistic materials

Unknown

Carcinogenicity Reproductive effects Teratogenicity Mutagenicity

Effects of above unknown

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment

Under proper usage non required.

Gloves (Specify)

None

Respiratory (Specify)

None

Eye (Specify)

Glasses

Footwear (Specify)

None

Clothing (Specify)

None

Other (Specify)

None

Engineering Controls (e.g. ventilation, enclosed process, specify)

Normal room ventilation

Leak and Spill Procedure

Eliminate sparks, open flames and smoking. Small amounts may be rinsed away with water to sewer or mopped up. Residue may be slippery.

Waste Disposal

Flush into sewer with large amounts of water.

Handling Procedures and Equipment

None

Storage Requirements

Store in cool, dry place out of sunlight.

Special Shipping Information

None

SECTION VIII - FIRST AID MEASURES

Skin

Flush with water, wash with soap. Residue may leave slippery feeling like soap.

Eye

Irrigate with water and contact physician if necessary.

Inhalation

Remove to fresh air and contact physician if necessary.

Ingestion

Drink copius amounts of water/milk and contact physician.

General advise

Do not smoke while using, keep away from children, wash hands after using.

SECTION IX - PREPARATION DATE OF M.S.D.S.

Additional Information/Comments

est = estimate

Sources Used

"Dangerous Properties of Industrial Materials" - SAX
"Hazardous Products Act" - SOR/88-64

Prepared by:

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Date

5/1/89