

MSDS Information

Section 1

CHEMICAL PRODUCT SECTION

Product Name: STATICIDE Neutralizer Cleaner

Product Number: # 4020-1, #4020-2, #4020-5

Manufacturer: ACL Incorporated
 1960 E. Devon Avenue
 Elk Grove Village, IL 60007
 PH: (01) 847.981.9212 [U.S.A.]
 FAX: (01) 847.981.9278 [U.S.A.]

For Chemical Emergency,
 Spill, Leak, Fire Exposure,
 Or Accident Call INFOTRAC
 DAY OR NIGHT (01) 800.535.5053

Section 2

INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL	C.A.S. Number	Weight %
Deionized Water	7732-18-5	55-75
Isopropanol	67-63-0	1-2
Tetrasodium ethylenediaminetetraacetate	13235-36-4	<1
Sodium Hydroxide	1310-73-2	1-2
Ethylbis (hydroxyethyl)tallow alkyl, ethoxylated, Et sulfates	68071-95-4	5-7
Benzenesulfonic acid, C10-16-alkyl derives., calcium salts	68584-23-6	10-20
Ethanol, 2, 2'-iminobis-	111-42-2	1-5
Alcohols, C10-14, ethoxylated	66455-15-0	1-5

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	Exposure Limits 8 Hours TWA (PPM)	
	OSHA PEL	ACGIH TLV
Isopropanol	400 ppm	400 ppm
Sodium Hydroxide	NE	NE
Ethanol, 2, 2'-iminobis-	NE	.46 ppm

Section 3

HAZARD IDENTIFICATION

Emergency Overview: May cause skin/eye irritation. May be harmful if swallowed.

Inhalation: No hazard in normal industrial use.

Eyes: Avoid contact with eyes; may cause redness, irritation and conjunctivitis.

Skin: May cause skin irritation. Skin absorption can occur.

Ingestion: Ingestion may cause nausea and diarrhea.

Section 4

FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Eye Contact: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: If swallowed, do not induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention.

Section 5

FIRE FIGHTING MEASURES

Flash Point & Method: None, ATSM D-56 (Tag CC)

Flammable Limits: LEL: NA

UEL: NA

Autoignition Temperature: NA

Extinguishing Media: water, foam, dry chemical & carbon dioxide

Fire Fighting Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

Hazardous Combustion Products: Smoke, fumes and oxides of carbon

Hazardous Decomposition Products: None expected

Section 6 ACCIDENTAL RELEASE MEASURES

Land spill: Absorb the liquid and scrub the area with detergent and water.
 Water spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Section 7 HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Store in a cool dry place.

Storage Temperatures: Store in a cool place in original container and protect from sunlight.

Storage Pressure: Store at local atmospheric pressure.

General: Observe good housekeeping practices. Follow all MSD sheet and Label warnings even after container is emptied.

Section 8 EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Controls: Local Exhaust ventilation acceptable

RESPIRATOR: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

HAND PROTECTION: Gloves Recommended: Solvex, Neoprene, Viton, Butyl, Buna, Natural Latex are acceptable.

EYE PROTECTION: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

OTHER RECOMMENDATIONS: Emergency shower and eyewash facility should be in close proximity.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

pH.....7.2	Boiling Point.....100°C / 212°F
Volatile.....70	Freezing Point.....0°C / 32°F
Solubility in Water.....100	Specific Gravity: 1.03 (water=1)
Non-Exempt VOC (g/L)..14.48	Odor.....Pleasant Soapy Odor
Appearance: Clear dark blue liquid	Physical State.....Liquid

Section 10 STABILITY AND REACTIVITY

General: Stable. Polymerization will not occur.

Incompatible Materials and Conditions to Avoid: May decompose if heated.

Hazardous Decomposition: Forced combustion yields carbon and silicone oxides.

Section 11**TOXICOLOGY INFORMATION****Results of Component Toxicity Test Performed:**

Acute: Eyes- Irritation eye rabbit, severe

Dermal LD₅₀ – Mildly to moderately irritating

Inhalation LC₅₀ – Slight to very low toxicity

Acute dermal toxicity (LD₅₀) : <16,000 mg/kg (rabbit) Isopropyl Alcohol.

Acute oral toxicity (LD₅₀) : 5045 mg/kg (rat) Isopropyl Alcohol.

EYE EFFECTS: Mixture is a moderate eye irritant

SKIN EFFECTS: Causes irritation to skin

Human Experience: OSHA / NTP / DHHS - This product contains residuals of ethylene oxide which is a known carcinogen listed on the 11th Report on Carcinogens (RoC) and NIOSH carcinogen list. Ethylene oxide is NTP and IARC listed as a carcinogen.

Section 12**ECOLOGICAL INFORMATION**

Ecotoxicological information: Isopropyl alcohol has a high biochemical oxygen demand and a potential to cause oxygen depletion in aqueous systems, a low potential to affect aquatic organisms, a low potential to affect secondary waste treatment microbial metabolism, a low potential to affect the germination of some plants, a high potential to biodegrade (low persistence) with unacclimated microorganisms from activated sludge.

Section 13**DISPOSAL CONSIDERATIONS**

RCRA 40 CFR 261 Classifications:

As packaged and after use, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D. Federal, State, and Local laws governing disposal of material can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14**TRANSPORTATION INFORMATION**

U.S. DOT Information

Proper Shipping Name: Non Hazardous Material

Hazard Class: NA

IATA

Proper Shipping Name: NON HAZARDOUS MATERIAL

Hazard Class: NA

Section 15**REGULATORY INFORMATION**

United States Federal Regulations:

MSDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

CERCLA/Superfund, 40 CFR 117.302: **Residual ethylene oxide , RQ=10** **Glycol ethers, RQ=1**

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:

Section 302 – Extremely hazardous substances (40 CFR 355): None of the chemicals are Section 302 hazards

Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370): By our hazard evaluation, this product is non-hazardous.

Section 313 – List of Toxic Chemicals (40CFC 372): This product does not contain the chemicals (at level of 1% or greater) found on the 313 list of Toxic Chemicals.

Toxic Substance Control Act (TSCA): **All substances are TSCA listed.**
 Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D: Refer to Section 13 for RCRA classification.

Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311) This product do not contain the chemicals which are listed

STATE REGULATIONS:

California Proposition 65: This product contains a residual component (ethylene oxide, CAS# 75-21-8) known in the state of California to cause cancer.

INTERNATIONAL REGULATIONS:

Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Europe EINECS Numbers:

Deionized Water #231-791-2
 Isopropyl Alcohol #200-661-7
 Sodium Hydroxide # 215-185-5
 Benzenesulfonic acid, C10-16-alkyl derives., calcium salts #271-529-44
 Ethanol, 2, 2'-iminobis- #203-868-0

Sections 16

OTHER INFORMATION

LABEL INFORMATION:

For Shipping Label information refer to section 14

Product label warnings are as follows (Comparable CHIP Safety & Risk phrases are noted):



EEC Irritant "Xi"

- Irritating to eyes & skin (R36/38)
- Keep out of the reach of children (S2)
- Avoid contact with skin & eyes (S24/25)

NFPA HAZARD RATING:

(1) Fire (1) Health (0) Reactivity

REVISION DATES, SECTIONS, REVISED BY:

15-Mar-92, Original release date
 27-Nov-07, Reviewed all sections, Revised Section 2, mkb

ABBREVIATIONS USED IN THIS DOCUMENT:

NE – Not Established, NA – Not Applicable, NIF – No Information Found

ABRIDGED LIST OF REFERENCES:

Code of Federal Regulations (CFR)
 Chemical Guide and OSHA Hazardous Communication Standard
 The Environmental Protection Agency (www.epa.gov)
 ANSI Standard: ANSI Z400.1-1998

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