

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : ELEKTRALINK DIST BY FOSTER & CO., INC
15 Wing Drive EMERGENCY PHONE.....: 973-267-4100
Cedar Knolls PREPARATION/REVISION DATE: 02/14/02
NJ 07927
PREPARER/CONTACT: Gary Adams, Chemist
LOCATION : Whs 1

TRADE NAME/SYNONYMS...: ELA-FLUX
CHEMICAL NAME/SYNONYMS: Soldering Flux for Electronics
CHEMICAL FAMILY.....: Organic Solution
FORMULA.....: Surfactant Blend
PRODUCT CODE.....: 3-7037

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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* HEALTH..... 2 *
* FLAMMABILITY.. 0 *
* REACTIVITY.... 0 *
* PROTECTION.... B *

SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
Carboxylic Acids	68603-87-2	2	None est	None est
Nonylphenolethoxylate	9016-45-9	0-5	None est	None est
Surfactant	78330-21-9	0-5	None est	None est
Water	7732-18-5	93	None	None

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):NO

CHEMICAL/COMMON NAME	CAS-NUMBER	%	NTP	IARC	OSHA
N/A	N/A	N/A	N/A	N/A	N/A

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-
SKIN: Constant use could cause dry skin, local irritation.
EYE CONTACT: Mild transient eye irritation possible.
Smoke from soldering can cause corneal irritation.
CHRONIC EXPOSURE: Smoke during soldering can cause respiratory irritation and damage to mucous membranes and respiratory tract.

PRIMARY ROUTES OF ENTRY-
Eyes, Mucous membranes of respiratory system.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-
N/I

EMERGENCY FIRST AID PROCEDURES-

EYES: Flush with water for 15 minutes. Call physician if irritation persists.

SKIN: Flush with water.

INGESTION: Consult physician.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F)....:	212	SPECIFIC GRAVITY (WATER=1).....:	1.01
VAPOR PRESSURE (mmHg):	19	PERCENT VOLATILE BY VOLUME (%):	97
VAPOR DENSITY (AIR=1):	>1	EVAPORATION RATE (water =1):	0.99

SOLUBILITY IN WATER-

Complete, pH=3.3 at 20:1 dilution.

APPEARANCE AND ODOR INFORMATION-

Clear liquid, no odor.

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): None.

FLAMMABLE LIMITS : Lel=N/A UEL=N/A

EXTINGUISHING MEDIA-

Not combustible.

SPECIAL FIRE FIGHTING PROCEDURES-

None known necessary.

UNUSUAL FIRE AND EXPLOSION HAZARDS-

None known. If boiled out of container, frothing can occur.

INCOMPATIBILITY (Materials To Avoid)-

None known.

HAZARDOUS DECOMPOSITION PRODUCTS-

None known.

WILL HAZARDOUS POLYMERIZATION OCCUR-

No.

CONDITIONS TO AVOID FOR POLYMERIZATION-

None known.

IS THE PRODUCT STABLE-

Yes.

