

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.

CONDITIONS TO AVOID FOR STABILITY-
None known.

SECTION 6 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-
Caution: Soak up with absorbent and place in
garbage. Flush residue with copious amounts of water.

WASTE DISPOSAL METHODS-
Consult Federal, State or local authorities.

SECTION 7 - EXPOSURE CONTROL INFORMATION

VENTILATION-
LOCAL EXHAUST: None needed. MECHANICAL (General): Good general.
SPECIAL.....: N/A OTHER.....: N/A

RESPIRATORY PROTECTION-
None needed.

PROTECTIVE GLOVES-
For continuous use that is not consistent with label directions: Rubber, etc.

OTHER PROTECTIVE EQUIPMENT-
Not normally necessary.

OTHER ENGINEERING CONTROLS-
N/I

WORK PRACTICES-
N/A.

HYGIENIC PRACTICES-
N/I

SECTION 8 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-
Store above 40F and below 90F. Do not store in mild steel containers.

MAINTENANCE PRECAUTIONS-
N/A

OTHER PRECAUTIONS-
Keep containers closed when not in use. KEEP OUT OF REACH OF CHILDREN!

ADDITIONAL COMMENTS-
Shipping Name: Compound, Cleaning. Class 55.