



Chemical Name: Tinning Fluid Liquid Flux

Manufacturer: Napa

Container size: 12oz.

Location: VLA

Disposal: Place empty container in trash.

Material Safety Data Sheet

Section I: General Information

Product Name (Number) Water Flow 2000

Chemical Family Mixture
D.O.T. Hazard Class Not regulated

Section II: Hazardous Ingredients

Ingredients	CAS Number	Weight Percent	OSHA PEL	ACGIH TLV
Octylphenoxy polyethoxyethanol	9004-87-9	10-15	NE	NE
Polyglycol Copolymer	9003-11-6	30-40	NE	NE
Monoethano Lamine HcL	2002-24-6	10-15	NE	NE

Contains 25 – 30% water.

Section III: Physical Data

(Published or Estimated Values)

Boiling Point Deg F. (760 mm Hg)	212 approx.	Specific Gravity (H2O=1)	NA
Vapor Pressure (mm Hg at 20 Deg. C.)	as water	% Volatile By Weight Evaporation Rate	28 approx. as water
Vapor Density (Air=1)	as water		
Solubility in Water	Complete	pH (5% aqueous soln.)	Neutral
Appearance and Odor	Pale yellow, paste gel, mild odor		

Section IV: Fire and Explosion Hazard Data

Estimated flammable limits (% by Volume in Air) LEL: NA UEL: NA

Flash Point Deg F. NA

Extinguishing Media NA

Special Fire Fighting Procedures NA

Unusual Fire and Explosion Hazard None

NA – Not Applicable NE-Not Established NL-Not Listed UN-Unknown

Section V(A): Health Hazard Data (Symptoms/Effects Of Overexposure)

Inhalation Remove individual to fresh air. If symptoms persist call a physician.

Ingestion Immediately drink water. Consult a physician or Poison Control Center. Never give anything by mouth to an unconscious person.

Skin Contact Wash affected area with soap and water. If irritation develops get medical attention.

Eye Contact Immediately rinse eyes with water for 15 minutes. If irritation develops get medical attention.

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Listed Carcinogens: None known.
Volatile Organic Compounds: None
Medical Conditions Possibly Aggravated: None known.

Section V(B) Health Hazard Data (Emergency and First Aid Procedures)

Inhalation Remove individual to fresh air. If symptoms persist call a physician.

Ingestion Immediately drink water. Consult a physician or Poison Control Center. Never give anything by mouth to an unconscious person.

Skin Contact Wash affected area with soap and water. If irritation develops get medical attention.

Eye Contact Immediately rinse eyes with water for 15 minutes. If irritation develops get medical attention.

Section VI: Reactivity Data

Stability Conditions None known.
Stable: X Unstable: To Avoid

Incompatibility Strong oxidizing agents
(Materials to Avoid)

Hazardous Decomposition Products CO, CO₂, oxides of nitrogen, hydrogen chloride, on combustion after removal of water.

Hazardous Polymerization Will Occur: Will not Occur: X Conditions to Avoid: None

Section VII: Spill or Leak Procedures

Steps to be taken in case material is released or spilled:
Wear eye and skin protection. Floor may be slippery, use care to avoid falling. Contain spills. Collect material in suitable containers for recovery or disposal. Clean with water.

Waste Disposal: Must be in accordance with Federal, State and Local Laws and Regulations.

Section VIII: Special Protection

Respiratory If mist or vapors occur, wear a MSHA/NIOSH approved (or equivalent) half-mask air purifying respirator.

Eyewear Chemical splash goggles. Provide eye bath near work site.

Clothing/Gloves Use protection gloves such as butyl rubber or equivalent.

Ventilation General (mechanical) room ventilation is expected to be satisfactory.

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Section IX: Special Precautions

Precautions to be taken in handling and storing:

Keep container closed. Wash after handling. Avoid contact with skin, eyes or clothing. Keep from freezing.

Other precautions:

Containers: Since empty containers may retain product residues (vapor, liquid, or solid) all labeled hazard precautions must be observed. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

Section X: Additional Information

-----REGULATORY INFORMATION-----

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Toxic Substance Control Act (TSCA) Status:

All ingredients of this product are listed in the TSCA inventory.

SARA TITLE III (Section 313):

Components present in this product at a level which could require reporting under the statute are:
NONE

Emergency Telephone Number

CHEMTREC

1-800-424-9300

DAY OR NIGHT

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