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TECHNICAL SPECIFICATION

**No. 11
LIQUID FLUX**



TECHNICAL SPECIFICATION: Oatey No. 11 Liquid Flux is formulated with a strong cleaning agent to remove corrosion quickly and effectively from surface of piping. Fluxing is a critical step in the soldering process. No. 11 Liquid Flux is lead-free and is an ideal flux for use when soldering. No. 11 Liquid Flux complies with CA & VT lead content regulations.



PRECAUTIONS

Read all cautions and directions carefully before using this product. Apply flux with brush- do not apply with fingers. Wash hands thoroughly after use and before eating. Wear safety glasses with side shields and rubber gloves. EYE AND SKIN IRRITANT. HARMFUL IF SWALLOWED. VAPOR MAY BE HARMFUL. Eye or skin contact may cause intense irritation and injury. In case of contact with eyes or skin, flush with water and seek medical attention immediately. If swallowed, DO NOT INDUCE VOMITING. Drink water and call physician or poison control center immediately. Ingestion of this product may cause gastrointestinal distress. If inhaled, get fresh air and seek medical attention if ill feelings persist. Keep container closed when not in use. DO NOT REUSE EMPTY CONTAINER. KEEP OUT OF REACH OF CHILDREN.

Refer to material safety data sheet for more information. For emergency first aid help, call 1-877-740-5015.

COMMON APPLICATIONS

Oatey No. 11 Liquid Flux can be used to solder most commonly soldered metals including copper, brass, zinc, galvanized iron and tin or copper-coated metals.

Consult Oatey Technical Department for applications not specifically referenced above.

INGREDIENTS

- Zinc Chloride (7646-85-7)
- Ammonium Chloride (12125-02-9)
- Water (7732-18-5)
- Muriatic Acid (7647-01-0)

COMPLIANCE & LISTINGS



NSF Listed to Standard 61



Lead Free Flux
Complies to CA & VT
lead legislation

Meets Military Specification MIL-F-14256

PHYSICAL/CHEMICAL PROPERTIES

| | |
|---------------|------------------------------|
| Appearance | Yellowish Liquid |
| Shelf Life | 1 year from manufacture date |
| Boiling Point | 208° F |
| pH | 2 - 3 |

DIRECTIONS FOR USE

Paste Fluxes require only a small amount of flux applied to the joint. Clean all surfaces before soldering. Apply small amount of flux inside the fitting and outside of the pipe. Heat to temperature required for soldering. Do not overheat the piping. For small diameter piping, direct the heat near the joint. For large diameter piping, move the heat around the joint to ensure adequate solder flow around the circumference of the joint. NOT FOR USE WITH ALUMINUM, STAINLESS STEEL OR MAGNESIUM. DO NOT USE ON ELECTRICAL PARTS.

When soldering process is complete, allow joint to cool undisturbed. Remove any flux residual with a damp cloth. Do not store Liquid Flux above 120° F.

| PRODUCT NUMBER | DESCRIPTION | PACK | CARTON WEIGHT |
|----------------|-------------------|------|---------------|
| 30106 | 4 oz. Liquid Flux | 12 | 6 lbs. |