

# Lawton Soldering Flux Data Sheet



Non-corrosive soft solder flux paste for soldering applications of copper to tin alloys. Water-soluble. With halogens. It complies with EN-ISO 9454 (2.1.2.C).

## Packing

Supplied in plastic jars of 113g or 453g boxed.

## Chemical Composition

20% Etoxiled Fatty alcohol 5% Fatty acid 50% Amine chloride 25% Water

## Hazards Identification

**Human:** This product is not dangerous for the health

**Environment:** It is not considered dangerous for the environment

## First Aids Measures

**After inhalation:** Bring the operative to breathe fresh air and consult a doctor.

**By contact with the skin:** Wash with water and soap.

**By contact with eyes:** Rinse out with abundant clear water during 15 minutes keeping open eyes and consult a ophthalmologist in case of persistent irritation.

**After ingestion:** Wash out with abundant clear water during 15 minutes keeping open eyes and consult a ophthalmologist in case of persistent irritation.

## Fire Fighting Measures

**Exinction means:** use powders, foams or pulverised water.

**Peculiar danger by the exposure to the substance or its combustion:** None; the product cannot explode and set on fire. **Special protecting kit:** Use a mask in closed locations

## Accidental Release Measures

**Personal precautions:** Described prevention measures at point 8 **Cleaning method:** Absorb the product with sand or sawdust. Clean the soiled surface with abundant hot water.

**Handling And Storage Handling:** Avoid always, if it is possible, the contact with the skin; therefore it's recommended to use the applicator brush. Keep the bottle always tightly closed. Avoid the direct vapour's inhalation caused by the heating **Storage:** None, in normal conditions of use

**Exposure Control / Personal Protection. Exposure limit:** None **Breathing protection:** Use facemask if you work large period of time in small and poorly ventilated spaces. In open spaces or in open air it is no necessary. **Eye protection:** It is recommended to use safety goggles in order to avoid splashing **Skin protection:** Only in the event of hyper-sensibility or allergy to the product, it is necessary to use gloves of neoprene. Normally the use of the application brush avoids skin irritations.

**Physical And Chemical Properties Physical state at 20° C:** Paste **Freezing point:** -10 ° C **Odour:** None

**Ignition point:** Not Determined (higher than 200°C) **Colour:** Yellowish **Vapour pressure:** N.D. **pH:** 6/7

**Density:** 1.10 gr/cc **Boiling point:** 110 liquid part **Water solubility:** Total

**Stability & Reactivity Stability:** Stable emulsion up to 65° and activity till 300°C **Conditions to be avoided:** None **Materials to be avoided:** None **Hazardous decomposition products:** None

**Toxicological Information Severe Toxicity:** DL50 oral rat. It is not toxic in its maximum dosage **Poisoning routes:** None **Acute effects / symptoms:** During the heating it may irritate slightly the eyes, the mucous nasal and the respiratory tract. Irritant to the skin if there are open wounds, making sting. There is not described any case of migraine, of spontaneous vomits or nausea produced by the local use of the product. **Chronic effects:** There is no described any case of chronic alteration produced by the local use of the product.

**Ecological Information** Ecological toxicity: None described

**Waste Disposal** **Product Disposal:** Respect local and national regulations. Dispose remaining product through an authorized waste disposal party. **Used container disposal:** Dispose container through an authorized waste disposal party.

**Transport Information** There is no special consideration necessary

**Regulatory Information** **Classification:** This product is not subject to classification as per the European Directive criteria regarding the control of dangerous substances and derivatives. The product has been adapted to the European Norm EN 29454 (2.1.2.C) of November 1993 about "Soft soldering fluxes" in substitution of the Norm DIN 8511