

EO-MC-001

Cat.-No. 6551

EO-MC-001 - CONCENTRATE -

[Liquid concentrate for the production of water based and alcoholic based flux for tinning and soldering processes]

EO-MC-001 is a LIQUID CONCENTRATE of the latest generation and has been specially developed for tinning processes. With this concentrate, the user is able to match an alcohol-based or water-based flux exactly to his process.

EO-MC-001 is based on halogen-substituted organic compounds, with high-performance additives for optimum wetting and above all offers the advantages of a very wide effective temperature range (approx. 130-300°C).

After our fluxes had proven themselves very well in the local market, we also received an increasing number of enquiries from abroad. However, it turned out that the freight costs for overseas shipments sometimes exceeded the value of the goods considerably.

You can now avoid these problems with EO-MC-001 (no dangerous goods according to current transport regulations).

Recommendations for application:

The recommended application concentration is between 5-50% of EO-MC-001 for the respective process. For very complex tinning processes, the application is also possible without additional thinning.

For ELECTRONIC PROCESSES:

WATER BASED FLUIDS (classification according to J-STD-004: OR M1):
Depending on the application, up to a maximum of 15% of EO-MC-001 in DI (Deionised) water [approx. 50g/L to 150 g/L].

ALCOHOL-BASED LIQUID (Classification according to J-STD-004: OR M1):
Depending on the application, up to a maximum of 15% of EO-MC-001 in isopropyl alcohol (propan-2-ol) [approx. 40g/L to 120 g/L]. (Caution: mixture is inflammable, pay attention to explosion protection).



Technical Data

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|--------------------------|---|
| Appearance/smell | colorless-light yellow, transparent liquid |
| Density at 20°C | 1,05 – 1,08 g/ml |
| Activators | organic hydrohalogen complex |
| Solvents | water |
| pH-value (1/1) | 4-7 |
| Bromide content [Br-] | 9-11% |
| Storage (recommendation) | cool, dry and light protected at 5 ° C - 25 ° C |

Application area

Wave- and selective soldering, manual- and repair soldering, dip soldering

Packaging units

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Canister / 5 and 20l | <input type="checkbox"/> Metering bottle | <input type="checkbox"/> Spray bottle / ml |
| <input type="checkbox"/> Granulate / l | <input type="checkbox"/> Metering pen | <input type="checkbox"/> Injection / ml |

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