



EIE Enterprise (M) Sdn. Bhd. (944691-T)

EIE 96130 Chemical Deflasher

DESCRIPTION

EIE 96130 is a specially developed halides-free, M-Pyrol and phosphates-free alkaline-based aqua immersion soaking solution for loosening of molded microelectronic package's leads shoulder mold-flashes prior solder-dipping or solder plating process. 96130 has a high boiling point and the **evaporation rate** during operation is very low compared to most deflashing chemicals in the market. This formulation is non-toxic, non-corrosive and is 100% miscible in water.

FEATURES

- Halide-free, 100% water miscible
- Contains no N-Methyl-2-pyrrolidone
- Fast loosening of mold bleeds/flashes
- Will not attacks plastic package or lead-frame substrate material

APPLICATION

EIE 96130 is supplied as ready to use solution and no make-up adjustment is necessary. It is the product inherent characteristic which upon heated to operating temperature, the solution will gradually changed to Greenish solution. EIE 96130 will loosen mold-bleeds/flashes as quickly as 18min – 30min @ (80–85)°C, depending on thickness of mold bleeds on packages. Carry-out the below test in laboratory prior implementing the parameter for production.

1. Heat on hot-plate (1-2) litre of stripper solution to (80+/-5)°C in a Pyrex or glass beaker.
2. Immerse few strip of different packages into the solution
3. Remove packages @ 5 minutes intervals, each time rinsing them in water and inspect for swelling/softening of bleeds.
4. Inspect for acceptability removal and select the appropriate ideal soaking-dwell time for the packages type.

Equipment : Tanks, heaters with temperature controls and preferable with air-bubbling system.

Replenishment : Replenished any loss/evaporation of the working solution with DI water / chemical deflasher solution to the desired S.G range (1.048 - 1.08) till the swelling softening efficiency faded.

PHYSICAL PROPERTIES

Appearance	Bluish Solution
Specific Gravity @25°C	1.048 ± 0.01
pH	10.0-10.5
Biodegradability (BOD ₂₈)	100 %

STORAGE

Store at (5 – 26)°C ambient temperature, product should not be stored under direct sunlight.

DISPOSAL

Used solution should be discharge into effluent treatment plant according to local authority requirement.

PACKING

20 kg per carboy