

TECHNICAL DATA SHEET

P-70

ALKALINE CAUSTIC FREE CLEANER

P – 70 is highly effective Caustic free formulated cleaner for cleaning heavily soiled metals like aluminium, zinc, zinc alloys.

P – 70 cleaner can be used both for immersion and spray applications. Mirror finish aluminium should be treated with lower concentration of P - 70 cleaner. It has excellent emulsifying properties and effectively reduces surface tension of water.

P – 70 readily removes heavy drawing compounds, cutting oils, solid dirt and snoop soil. It is compatible with emulsion or soak cleaners and hence for the removal of extremely heavy oil or grease.

P – 70 may be used in all types of automatic cleaning equipment including pressure spray machines, cylindrical screw conveyers and agitated basket machines. P – 70 prevents scale build up on tank walls, pipes, nozzles and steam coils.

OPERATING CONDITION:

| | |
|----------------|-----------------|
| Concentration | 15-50 gms/ltr |
| Temperature | 60-90°C |
| Spray pressure | 15-30 PSI |
| Time | 45 sec – 5 min. |

OPERATIONS:

The method of operation of P – 70 varies considerably with the type of equipment in which it is used. Since spray cleaners are frequently used to remove large amounts of soil foreign matter it is generally advisable to utilize P – 70 at the lower concentration levels and changes the cleaner more frequently. P – 70 is designed to discharge the displaced oil to the surface of the sump tank during the down periods. The life of the cleaners will be appreciably extended if this oil is overflowed before the spray unit is started.

TEMPERATURE

P – 70 cleaner may be operated at temperature from 60-90°C. However the cleaner should not be operated at temperature below 60° for hot spray process.

EQUIPMENT:

Standard steel metal washing equipment and pressure spray washing machines may be used with P-70. As there are no fumes exhaust ventilation is not necessary except to remove from operating at elevated temperature.

CONTROL:

The concentration of P – 70 may be readily controlled by simple titration with standard acid using methyl red as an indicator.

CAUTION:

P – 70 is alkaline and contact with skin or eyes should be avoided.

WASTE TREATMENT:

P-70 is alkaline material. It is recommended that spent P-70 solutions be mixed with effluent from acid solutions prior to entering the neutralization sump or tank to gain advantages of mutual adjustments of pH. Allow the precipitate that forms to settle or filter the solution prior to discharge into the sewer.

DISCLAIMER:

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