



T CLEANER 1

INTRODUCTION

This cleaner has been formulated to clean all metals - normally by wiping. It removes a wide range of greases and oils without attacking sensitive surfaces. Its use conforms to ISO 27831 A2 and AMS 03-02C Method A.2.

BENEFITS

- Low volatility - minimal atmospheric contamination.
- Low flammable risk - above all UK and EC regulatory requirements.
- Normally wiped - can also be brushed, sprayed or dipped.
- Very low odour - increased operator comfort.
- High Occupational Exposure Standard - increased operator safety.
- Effective substitute for ozone depleting chemicals.

FLASHPOINT

Above 65°C: Pensky Martens Closed Cup.

COVERAGE

The rate of consumption will depend on the care in dispensing and using the product. As a guide the following range has proved reliable:

All methods: 30 – 60 m² /litre of T Cleaner 1.

APPLICATION

Wiping

T Cleaner 1 should be applied by dampening a lint-free cloth, using regular sweeping strokes ensuring all surfaces have been wiped. The cloth should be turned regularly to ensure optimum pick-up of both oils and other surface contaminants (e.g. fettling dusts). A final wipe with a clean cloth lightly impregnated with T Cleaner 1 should ensure satisfactory cleanliness. For recessed areas or heavy grease, T Cleaner 1 may be poured onto the surface and repeated wiping with clean cloths to remove the diluted oils.



Dipping

T Cleaner 1 can be used by dip - preferably in ultrasonic baths. Take care with the jiggling of components to avoid trapping of the cleaner giving excessive drying times.

Spraying

T Cleaner 1 may be applied by spray but always use low pressures with minimum atomisation to reduce wastage and environmental emissions.

BATH MAKE-UP

Dipping

Fill the bath with T Cleaner 1 to a suitable operating level; do not allow the temperature of the bath to exceed 40°C - to minimise losses and flammability risk.

Replenishment

The bath should be refilled to its normal level with T Cleaner 1.

NOTES:

- (i) In normal use, baths will gradually build up oils and other contaminants. When this becomes apparent in drain areas the bath must be discarded and renewed.
- (ii) Guidance on the most effective frequencies and location of the ultrasonic emitters should be sought from the equipment supplier.

DRYING

Carefully cleaned work should be ready for painting within 5 – 10 minutes, depending upon the ambient temperature and the degree of air movement. Surfaces significantly damped with T Cleaner 1 may be force dried using temperatures up to 70°C.

ENVIRONMENTAL CONSIDERATIONS

T Cleaner 1 contains VOCs (790 gm/litre). Because of its low volatility, it generates significantly lower emissions than many solvent cleaners. Exemption under Secretary of State EPA Guidance Notes (PG6 series) can frequently be achieved - either by specific clauses or triviality, e.g. the use of less than 1 kilo in 8 hours.



SAFETY

Before use, refer to the Safety Data Sheet.

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products are referred to in this data sheet.

PRODUCT NAME	PRODUCT NUMBER
T CLEANER 1	MP0504

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