



TECHNICAL DATA SHEET

ORIGINAL RAPID TAP®

Description:

Relton's **ORIGINAL Rapid Tap** is a transparent, chemically-active, all-purpose metal-cutting fluid designed to optimize tool life, machine speed, and surface finish in a broad range of machining operations on a wide variety of metals.

ORIGINAL Rapid Tap has been formulated from the highest quality additives to provide performance unmatched in the industry for over 35 years.

Note: **ORIGINAL Rapid Tap** is predominantly based on 1,1,1 trichloroethane (methyl chloroform); it is important to review the MSDS, particularly Section V on Health Hazard Data.

Typical Uses:

- Recommended for most machining operations, e.g. tapping, drilling, boring, threading, milling, broaching, turning, engraving, reaming and sawing
- Recommended for moderate to severe machining operations on a wide variety of metals from relatively-easy to most-difficult-to-machine, e.g. mild steel to stainless.

Note: Do not use on aluminum or plastics

Typical Inspections:

Specific Gravity, g/cc, 60°F:	1.170
Pounds per gallon:	9.77
Flash Point (to boiling point: 162°F):	none
Vapor Pressure, mm Hg, 20°C:	100
Vapor Density (Air = 1):	4.6
% Volatile by Volume:	80
Non-exempt VOC:	29.2 grams per liter (Rotovac stripping at 50°C)
Evaporation Rate: (1,1,1, trichloroethane = 1)	1.3
Appearance/form:	clear/liquid

Technical Data Sheet- ORIGINAL Rapid Tap

Features:

- provides excellent boundary lubrication
- has excellent wetting properties
- increases production rates and extends tool life
- contains EP agents for anti-weld properties
- simplifies inventories as a multi-purpose cutting fluid
- is non-foaming
- is non-greasy
- provides rust and corrosion protection of work-piece tools, and machine parts

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