



## ***I. Product Description***

CDT Cutting Liquid is a heavy duty viscous fluid, integrating extreme pressure additives for use in reaming, tapping, drilling and metal cutting operations. It is suitable for all types of metal.

CDT Cutting Liquid clings to the tool and work piece which significantly minimises friction and wear, increases cutting speeds, protects and extends tool life and ensures consistent, high quality surface finish.

CDT Cutting Liquid may also be used as an extreme pressure additive booster for standard neat cutting oils, for difficult cutting operations such as broaching and gear manufacturing on the toughest metals.

## ***II. Features & Benefits***

- Contains high performance, extreme pressure additives.
- Provides very high resistance to temperature, pressure and wear.
- Enhances tool, mandrel and die life - Reduces tooling and production costs.
- Increases cutting performance
- Cuts downtime
- Provides a homogenous and tenacious lubricating film.
- Consistent, high quality surface finish.
- Flexibility – Suitable for use on a wide range of applications and materials.
- Freedom from scoring due to high welding resistance.
- Reduction of scrap
- Ease of application – In a handy squeeze bottle
- Suitable for hand and machine cutting.
- MPI Approved C12 (all animal product except dairy)

## ***III. Applications and Directions***

- CDT Cutting Liquid is applied directly to the cutting operation.
- When used as a neat cutting oil booster, use between 1 and 2 parts CDT Cutting Liquid to 10 parts of neat cutting oil.

## ***IV. Typical Properties and Characteristics***

<b>Appearance</b>	Clear, pale brown fluid
<b>Density at 15°C</b>	1.154
<b>Viscosity @ 40 °C</b>	105 cSt
<b>Flash Point (Closed)</b>	220°C
<b>Operating Temperature Range</b>	-10°C to +250°C

## ***V. Package Description***

<b>Part Number</b>	<b>Size</b>
3059	250ml Bottle
3064	500ml Bottle
3068	5L Jerry Can
3066	200L Drum



CRC Industries NZ, Auckland NZ

## **VI. Special Precautions**

### **General:**

Avoid breathing dust, fume, gas, mist, vapours, spray. Use only outdoors or in a well-ventilated area. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

### **First Aid:**

Swallowed – Not considered a normal route of entry.

Skin – Flush skin and hair with running water (and soap if available). Remove any adhering solids with industrial skin cleansing cream. Do not use solvents. Seek medical attention in the event of irritation.

Eyes – Immediately hold eyelids apart and flush eye continuously for at least 15 minutes with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Transport to hospital or doctor without delay.

Inhalation – Remove to fresh air. Lay patient down. Keep warm and rested.

Refer to Material Safety Data Sheet for more details.

**TECHNICAL DATA SHEET** Version 08/2015

**PRODUCT WARRANTY:** CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

**DISCLAIMER:** All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.