"S.S.D.N."

DNR APPLE CUT ++

Product Description

DNR Apple Cut is a High quality multi-purpose water emulsifiable metal working fluid. The Product is specially formulated metal to form a stable superior quality, milky emulsion in a wide range of water hardnesses.

Benefits

- The high oil content gives excellent maching tool lubrication and residual corrosion protection
- High levelof corrosion protection of machined parts during storage and transfer.
- Multi metal machining capability and low staining potential on ferrous and non ferrous metals, including aluminium and yellow metal alloys.
- Readily forms emulsion in water.
- Wide application range allows product rationalisation.
- It gives extended service life in the sumpdue to specially formulated biocide package

Applications

The superior emulsion stability, high level of lubricity and wide application range like CNC, General Machinings make DNR Apple Cut an extremely cost effective general purpose water emulsifiable metal working fluid. The product is free from nitrites, phenols and chlorinated additives characteristics, sludge formation and service life.

Typical Characteristics

Appearance	Reddish Brown Liquid
Specific Gravity at 29.5C	0.86
Emulsion Type	Milky
pH@5% Emulsion	9.6
Corrosion Test (IP 287) Breakpoint %	4%

Storage

The product should be stored under cover. Avoid extremes of temperature and protect from frost. Packages should be kept sealed when not in use

Health & Safety

DNR Apple Cut is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

Typical

Typical physical characteristics of DNR Apple Cut given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications. They may be changed without notice due to coninued product research and development.

MIXING

DNR Apple Cut should be added gradually into the full volume of water - never the reverse, and gentle agitation maintained until all the oil has been added and a uniform emulsion obtained. Use lower concentration for top-up to achive recommended mixratios recommended

Recommended Concentrations

	%	Ratio
Grinding	2-3	50:1 - 30:1
General Machining Non-Ferrous Materials	3-5	30:1-20:1
General Machining Ferrous Metals	5	20:1

APPLE CUT

DNR

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