

RUNCOOL ECO 2425 is a biocide-free, soft to medium water, high lubricity micro-emulsion coolant. This chlorine free metalworking fluid will perform extremely well on multi-metal applications and is machine tool friendly with extremely low foaming properties.

Runcool ECO 2425 is designed with outstanding lubricity characteristics ensuring it is suitable for use on a majority of ferrous and non-ferrous materials, without the requirement for traditional extreme pressure additives. An excellent choice for machine shops attempting to find one product to meet the challenges of the entire facility.

This advanced product meets the latest HSE guidelines for metalworking fluids, whilst being very robust and gives extended service life it is free from biocide and therefore is formaldehyde free. All the materials used in the formulation of this product are registered under REACH, meets with compliance of TRGS-611.

REACH ([EC 1907/2006](#)) aims to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. This is done by the four processes of REACH, namely the registration, evaluation, authorisation and restriction of chemicals.

BENEFITS

- Biocide free technology
- Low foam
- Suitable for most aluminium alloys
- Excellent tramp oil rejection
- Excellent in soft – medium hardness water
- Outstanding sump life
- Clean running on cast iron
- Superior corrosion protection

SUGGESTED OPERATING DILUTIONS

- Light duty machining / grinding: 4 – 6%
- Heavy duty machining: 6 – 8%
- Grinding: 3 – 5%

TYPICAL PROPERTIES

- Emulsion: Translucent
- pH of 5% emulsion: 9.0 – 9.4
- IP 287 Corrosion break point: 2.5%

CONCENTRATION

To check and maintain fluid concentration a refractometer is recommended, the resulting reading multiplied by a factor of 1.5 will give the actual concentration strength.

HEALTH & SAFETY, STORAGE AND DISPOSAL

RUNCOOL ECO 2425 should be stored in dry conditions and protected from extreme temperatures: between 4°C and 35°C is the recommended storage temperature.

RUNCOOL ECO 2425 is unlikely to present any significant health or safety hazard when used as recommended by MTO Lubricants. Good standards of personal and industrial hygiene are to be maintained by the user (see Material Safety Data Sheets). In order to protect the environment, the product used should be safely disposed by a licensed contractor. The packaging material should be handled by a recognised reconditioning firm.

Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues.

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