



Technical Data Sheet

SAFRACOR[®] MW10

Product Overview

SAFRACOR[®] MW10 is a highly branched-C10 tertiary carboxylic acid, also known as neodecanoic acid.

Applications

SAFRACOR[®] MW10, when neutralized with an alkali metal or amine, can be used to produce a range of boron free, low foam water based corrosion inhibitors, providing corrosion protection for both ferrous and non-ferrous metals.

SAFRACOR[®] MW10 is widely used in synthetic metal-working fluids and helps stabilize formulations containing POLYGLYCOL type lubricity improvers.

SAFRACOR[®] MW10 amine neutralized salts have very stable solutions in increasing levels of water hardness which prevents coolant breakdown in high evaporation systems.

Features and Benefits

- Very Low Foaming Characteristics
- Good Swarf Separation
- High Level of Lubrication
- Improves Surface Finish on Soft Aluminum Alloys
- Improves tool Life
- High V.I. Polymer
- Promotes good tramp oil rejection
- Excellent heat transfer properties

Typical Properties

Form	Liquid
Appearance	Clear Liquid
Colour, Pt/Co	<100
Flash Point, °C, ASTM D93	129
Viscosity, @ 20°C, cSts, ASTMD445	45
Density, @ 20°C, g/cm ³ , ASTM D1298	0.91
Acid Value, mg KOH/g, ASTM D1980	318-330
Boiling range (at 760 mmHg), °C, ASTM D1078	270-280
Miscibility with water	Negligible

Health and Safety

To obtain Material Safety Data Sheet (MSDS), contact our technical team