



# MARDOL 48-D

## COMPOSITION:

A concentrated blend of natural and synthetic oils emulsified with cationic and nonionic emulsifiers.

## SPECIFICATIONS

Appearance	Brown Paste
Activity	100% ( $\pm 2$ )
Charge	Cationic
Density (Lb/Gal)	8.2 ( $\pm 0.2$ )
pH (10% Solution)	4.0 – 5.0
Storage Stability	1 Year at room temperature Optimum storage temperature is between 15°C and 30°C.
Freeze/Thaw Stability	Not Sensitive to Freezing.
Lightfastness	Fair
Electrolyte Stability	Good
Emulsification	Emulsify 1:6 at 60 - 70°C. Mix well before adding to drum.

## KEY PROPERTIES:

Mardol 48-D is a cationic based stuffing oil for use in making stuffed or semi-stuffed leathers on both pasted and vacuum dried full grain and corrected leathers

- An excellent emulsifying component for pull-up waxes with uniform distribution.
- Will carry up to twice it's weight in waxes or greases.
- Enhances the dark contrast in Pull-up Leathers normally achieved by oiling off.
- Excellent grain lubrication for paste release and surface feel.

## APPLICATIONS:

Recommended usage at 2% 10%