HARWICK STANDARD

ISO 9001-2015 REGISTERED

Technical Data Sheet

PLASTICZER SC-B
Triethylene glycol dicaprate/dicaprylate

CAS# Proprietary

Plasticizer SC-B, a capric-caprylic diester of triethylene glycol, is generally recognized as an ideal softener and low temperature plasticizer for SBR, NBR, CR (polychloroprene), and NR. In addition, it has the effect of reducing the heat hardening properties of these polymers. As a result, it is used in formulations designed to meet automotive, aeronautical and government specifications, including critical FDA applications required under 21 CFR 177.2600(c)(4)(iv).

TYPICAL PROPERTIES

Appearance	Clear to Yellow Liquid
Color, Gardner	1.5
Specific Gravity @ 15°C	0.967
Refractive Index @ 25°C (77°F)	1.4470
Viscosity, SUS @ 68°F	90
Saponification Value	265
Hydroxyl Value	10
Free Fatty Acid (as Oleic), %	.10
Moisture, %	0.1

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OTHER APPLICATIONS FOR PLASTICIZER SC-B

- Highly recommended for use as a plasticizer in general vinyl compounding, for any application requiring extreme low temperature flexibility combined with very high plasticizing action.
- Imparts excellent "hand" and drape to vinyl films and is suited for curtain and upholstery materials, tablecloths, fabric coatings and artificial leathers.
- Acts as its own lubricant in vinyl compositions and is used for this purpose in high temperature calendering and embossing operations.
- Works well in plastisols and organosols be providing low viscosity formulations and also used as a viscosity control agent.
- Very effective in all pigmented systems and in dispersion, pastes, and emulsion systems.
- Can be emulsified for the plasticizing of synthetic latices which are used in the paint, protective coatings and other allied industries.
- Enhances the general quality and processability when used in small concentrations, regardless of other plasticizers in the system.
- Used in nitrocellulose lacquers to give increased flexibility at normal and low temperatures.