

AMPHITOL 20HD

Co-surfactant and foaming booster in shampoo, body/facial wash

DESCRIPTION

Chemical name	: Lauryl hydroxy sulfobetaine
INCI name	: Lauryl hydroxysultaine
CAS no.	: 13197-76-7
Classification	: Amphoteric surfactant

ADVANTAGE

- Origin of main chemical from natural.
- Excellent foaming with good scum dispersing effect.
- Rich foam even in oil or sebum system.
- Provide higher foam and thickening performance than CAPB.

SPECIFICATION

Appearance	: Colorless to light yellow liquid
Odor	: Odorless
Color (Hazen)	: 200 max.
Assay (%)	: 28.0 – 32.0
4-Ammonium salt (%)	: 4.0 max.
Loss on drying (%)	: 53.0 – 57.0
Residue on evaporation (%)	: 43.0 – 47.0
Free amine (%)	: 1.0 max.
pH (1% solution)	: 6.0 – 8.0
Residue on ignition (%)	: 14.0 max.
Acid value (mg KOH/g)	: 2.0 max.
Sodium chloride	: 6.3 – 7.3
Heavy metals (ppm)	: 20 max.
Identification	: Pass test
Arsenic (ppm)	: 2 max.
Total aerobic microbial (CFU/g)	: 100 max.
Fungus (CFU/g)	: 50 max.

MESSAGE

Kao has prepared a large number of products developed with its own technology to meet the demands of the diversified and advanced technology in various industry. Kao strives to deliver high-quality products and are constantly researching new products for sustainability. If you are considering chemicals not listed in this brochure, please contact Kao and ask for orders.

KAO INDUSTRIAL (THAILAND) CO., LTD.

O-NES Tower, 14th Floor, 6, Soi Sukhumvit 6,
Klongtoey Sub-district, Klongtoey, Bangkok,
THAILAND (Zip: 10110)

Tel: +66-2-655-4433

e-mail: Thai-Chem.SalesSupportH.O@kao.th.com

website: <http://chemical.kao.com/>

AMPHITOL 20HD

Co-surfactant and foaming booster in shampoo, body/facial wash

USAGE

- Most suitable to use for personal washing products.
- Recommend using as co-surfactant with SLES and soap base, 10 – 15 %wt or 30% of original CAPB dosage that use in formulation.

STORAGE & HANDLING

Package	:	Plastic can 30 kg and plastic drum 210 kg
Shelf life	:	In the original unopened container, the product can be stored at least 1 year.
Storage condition	:	AMPHITOL 20HD must be protected from light at below 35°C.
Other information	:	This product does not contain preservative.

MESSAGE

Kao has prepared a large number of products developed with its own technology to meet the demands of the diversified and advanced technology in various industry. Kao strives to deliver high-quality products and are constantly researching new products for sustainability. If you are considering chemicals not listed in this brochure, please contact Kao and ask for orders.

KAO INDUSTRIAL (THAILAND) CO., LTD.

O-NES Tower, 14th Floor, 6, Soi Sukhumvit 6,
Klongtoey Sub-district, Klongtoey, Bangkok,
THAILAND (Zip: 10110)

Tel: +66-2-655-4433

e-mail: Thai-Chem.SalesSupportH.O@kao.th.com

website: <http://chemical.kao.com/>