



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-12-1880-220

Sodium Lauryl Ether Sulfate 70 %

DESCRIPTION :

Sodium Lauryl Ether Sulphate RXSOL-19-1880-050 is an anionic surfactant. It is water-soluble. It has excellent foaming power and detergency properties. It can be used with other anionic, non-ionic or amphoteric surfactants. However, due to its anionic character, it should not be used with cationic components like cationic surfactants, cationic dyes, etc.

Chemical Name	: Sodium Lauryl Ether Sulfate
INCI Name	: Sodium Laureth Sulfate
CAS Number	: 68891-38-3
EC Number	: 500-234-8
Chemical Formula	: R-OCH ₂ CH ₂ OCH ₂ CH ₂ OSO ₃ Na

`` (R = C 12-14 natural)

APPLICATION :

Sodium Lauryl Ether Sulphate RXSOL-19-1880-050 is used for a wide range of applications such as:

- In shampoos, foam baths and shower gels as a basic surfactant and foaming agent.
- In liquid detergents and dish washing formulations for detergency and foaming.
- In bathing bars, body wash, liquid soap, etc.

TECHNICAL SPECIFICATIONS :

Appearance/nature	: Viscous flowable liquid
Colour	: Colourless to pale yellow
on APHA (20% aqueous solution), maximum	: Characteristic
Odour	: 500-234-8
pH (1 % aqueous solution)	: 6.8-8.5
Active Matter, % by mass minimum	: 68
Molecular Weight	: 384
Sulfate, % by mass as Na ₂ SO ₄ , maximum	: 1.5
N.D.O.M., % by mass (on 100% A.M. basis), max	: 3.0
1, 4 - Dioxane (on 100% A.M. basis), ppm, max	: 30
Iron content as Fe, ppm, maximum	: 5
Heavy metals as Pb, ppm, maximum	: 15
Microbial count, TVC, cfu/ml	: < 10

PPACKING :

Sodium Lauryl Ether Sulphate RXSOL-19-1880-050 is available in 220 kg /160 kg HMHDPE carboys. Total of 80 / 118 carboys i.e. 17.6 MT /17.7 MT can be shipped either palletized or non-palletized in 20 ft. full container load. It can also be shipped in IBC of 1 MT capacity and ISO containers with capacity of 22 to24 MT.

HANDLING AND STORAGE

Store in a clean, dry area, away from sunlight and heat. The recommended storage temperature is 20°C – 35 °C. Keep carboys tightly closed. In the original sealed carboys and kept at recommended storage conditions, the product can be stored for at least 1 year. Spills should be contained / collected and disposed off as per the regulations. Avoid ingestion and contact with eyes, skin and clothing. In case of contact with eyes and skin, seek adequate and timely medical attention. Stacking should be maximum 1+1 carboys.

CERTIFICATE OF ANALYSIS (COA)

Product Name Sodium lauryl ether sulphate

CAS No. 68585-34-2

Item	Standar Value	Test Value
Appearance	Colorless Pass	Conform
Odor	No strange odors	Conform
Active Matter, %	70±2	70.44
Unulfated Matter, %	2.0 Max.	1.0
Sodium Sulfate, %	1.5 Max.	0.9
Color, Hazef (5% A.M)	10 Max.	5
pH Value (1% A.M)	7.9-9.5	9.2
Dioxane	30 ppm Max.	14

COMMENT: QUALIFIED

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