

WeylClean[®] SAS 60

Anionic surfactant for the detergent industry

Product Description

WeylClean[®] SAS grades are versatile anionic, biodegradable surfactants for the detergent, chemical-technical and cosmetic industry with outstanding surface-active properties like strong grease removal and excellent wetting behavior. They have a good ecotoxicological profile and shows a good dermatological and toxicological compatibility. WeylClean[®] SAS grades are produced by sulphoxidation of n-paraffin by the Hoechst light/water process and are environmentally friendly surfactants with very good biodegradability.

Characterization

Chemical Description

Aqueous solution with 60% Secondary Alkane Sulphonate - Sodium Salt

Chemical Name

Sulfonic acids, C14-17-sec-alkane, sodium salts

Composition

Sulfonic acids, C14-17-sec-alkane, sodium salts

Water

CAS / EINECS Number

CAS No. 97489-15-1

EINECS No. 307-055-2

Product Properties

Appearance at 20°C	Yellowish soft paste
Active Content [%]	Approx. 60
Sodium Sulfate Content [%]	Max. 4.2
Paraffin Content [%]	Max. 0.7
pH (5% as is in water; 20°C; 10 min.)	7.0 – 8.0
Viscosity at 20°C [mPas]	Approx. 7500
Density [g·l ⁻¹]	Approx. 1.087

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Applications & recommended usage levels

WeylClean® SAS 60 can be used in the following applications:

Home Care:	Manual Dishwashing – Liquid	8 – 25%
	Hard Surface Cleaning	3 – 23%
Fabric Care:	Laundry Detergents – Heavy Duty Liquid	10 – 30%
	Laundry Detergents – Light Duty Liquids	8 – 25%
	Special Detergents	8 – 25%
I & I:	Industrial Cleaner – Hard Surface Cleaner	5 – 17%
	Industrial Cleaner – Automotive	3 – 25%
	Industrial Cleaner – Hand Cleaner	15 – 25%

If you need more support regarding the use of WeylClean® SAS 60 in your formulation, please do not hesitate to contact us at WeylChem Performance Products.

Packaging & Storage

Packaging

WeylClean® SAS 60 is available in the following standard package size:

- 160 kg HDPE lidded drum (CP-1 pallet with 800 kg)
- 1000 kg IBC

Storage

We recommend to store the product in closed originally containers under dry conditions at room temperature (cf. the current Safety Data Sheet).

During storage WeylClean® SAS 60 separates out into two phases. In addition, sodium sulphate can separate out at fairly low temperatures. It is therefore necessary to heat WeylClean® SAS 60 to a temperature of 65 - 90°C and homogenize it by stirring or pumping round prior to use.

WeylClean® SAS 60 should be used within 24 months after the date of the certificate of analysis received with the shipment.

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Regulatory Status

WeylClean® SAS 60 and/or all raw materials used for the manufacturing of it are listed or exempted in the following inventories:

REACH (Europe)	registered
EINECS (Europe, relevant for Switzerland)	registered
NZIoC (New Zealand)	registered
KECL (Korea)	registered
AICS (Australia)	registered
DSL (Canada)	registered
ENCS (Japan)	registered
IECSC (China)	registered
NCSI (Taiwan)	registered
PICCS (Philippines)	registered
TSCA (USA)	registered

For details, please see also the current regulatory listing status documents, which can be obtained from WeylChem Performance Products GmbH.

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WeylChem Performance Products GmbH

Industriepark Kalle-Albert
Kasteler Straße 45
65203 Wiesbaden
Germany

Fon +49-611-962-5660
Fax +49-611-962-9315
Mail consumer.care@weylchem.com

www.weylchem.com