

Technical Data Sheet

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Item Name:

MES

PRODUCT INFORMATION

Chinese Name:	脂肪酸甲酯磺酸钠 MES
Commodity Name:	MES
Chemical Name:	Sodium Fatty Acid Methyl Ester Sulfonate
Other Name:	Fattyacids, C16-18, Sulfo, 1-Me Esters, Sodium Salts
CAS No.:	4062-78-6, 4016-24-4
Molecular Formula:	$RCH(SO_3Na)COOCH_3$, R=C15-17

PRODUCT DESCRIPTION

MES is derived from renewable palm oil and is a biodegradable green surfactant. At the same time, it has a higher detergency, compared with traditional anionic surface active, the amount of decontamination required to achieve the same is lower, helping to reduce the use of organic matter in detergents and carbon dioxide emissions. MES also has some other excellent properties, such as excellent resistance to hard water and low skin irritation. MES is a new type of surfactant that is green, efficient, and safer for people and the environment, and meets the requirements of sustainable development.

TECHNICAL SPECIFICATION

Index	MES-86 (Pure Powder)	MES-89 (Flake)	MES-76 Powder (15% Zeolite)
Appearance	White or light yellow powder	Light yellow flake	White or light yellow powder
Active matter by wt %	86.0 min	89.0 min	76.0 min
Odor	Soapy	Soapy	Soapy
pH value (25°C, 1% am)	4.5-7.0	4.5-7.0	4.5-7.0
Moisture by wt %	3.5 max	3.5 max	3.5 max
Disodium salt by wt %	5.0 max	5.0 max	5.0 max
Color 5% Am.aq.sol	100 max	100 max	100 max

MAIN APPLICATION

Furniture care washing products, such as washing powder, liquid detergent, tableware detergent, floor cleaning agent, multi-functional cleaning products, etc; Textile industry detergents, such as soaping agent, refining agent, degreasing Agents; Leather chemicals, such as leather degreasers, fatliquors, etc.; Flotation agents for mineral flotation; Solubilizers in oil-in-water systems; Rubber industry.

PACKING AND SHELF LIFE

Packing: 25/50/600KG bags

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.