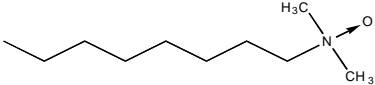
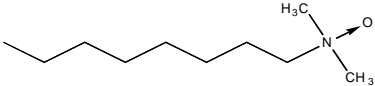
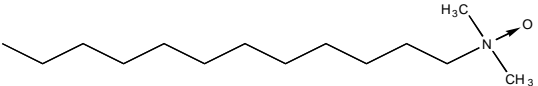
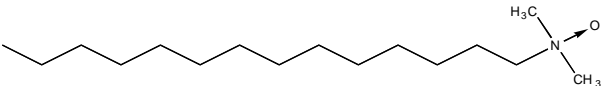
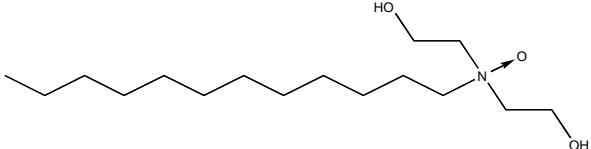
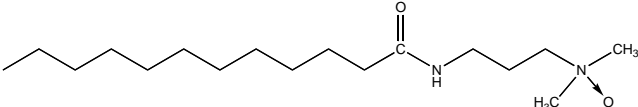
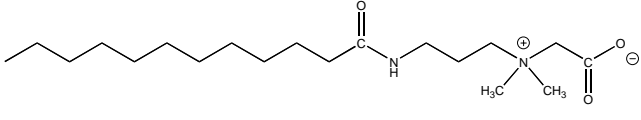
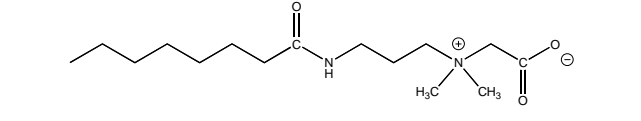
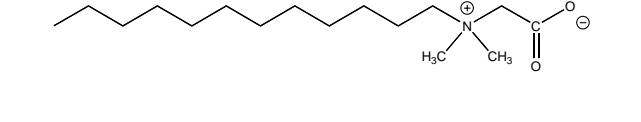
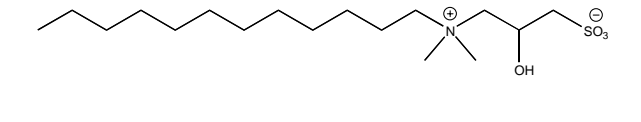
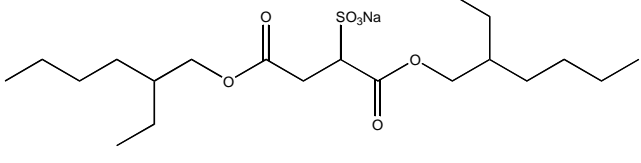
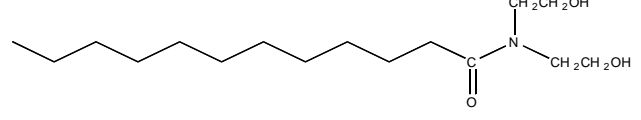
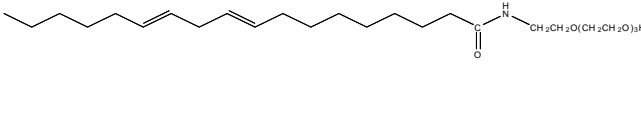
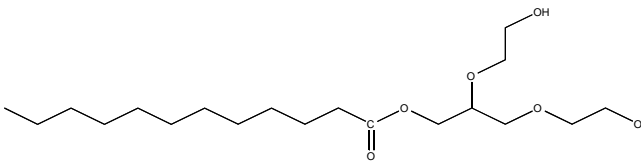


Macat[®], Masurf[®] & Masamide[®] Specialty Wetting Agents

Escape the ordinary with extraordinary product quality and performance.
Mason Specialty Surfactants lead the industry in quality and performance.

Grade	Structure	Description/Attributes
Macat AO-8 Special		MACAT AO-8 Special is a 30% active modified octyl (C ₈) dimethylamine oxide in water. AO-8 Special is an exceptional low foam, hypochlorite stable wetting agent.
Macat AO-8		MACAT AO-8 is a 30% active octyl (C ₈) dimethylamine oxide in water. AO-8 is an effective wetting agent, outstanding hydrotrope and solubilizer that is hypochlorite and acid stable.
Macat AO-12		MACAT AO-12 is a 30% active lauryl (C ₁₂) dimethylamine oxide in water. AO-12 is an effective wetting agent, outstanding foam booster and grease cutter that is hypochlorite and acid stable.
Macat AO-14		MACAT AO-14 is a 30% active myristyl (C ₁₄) dimethylamine oxide in water. AO-14 is used as a conditioning ingredient in creams and conditioners, and as a foam booster in shampoos. INCI Name: Myristamine Oxide.
Macat AO-12-2		MACAT AO-12-2 is a 30% active dihydroxyethyl cocamine oxide in water. AO-12-2 provides viscosity control, and is an outstanding foam booster and foam stabilizer. INCI Name: Dihydroxyethyl Cocamine Oxide
Macat Ultra CDO		MACAT Ultra CDO is a 30% active coco (C ₁₂) amidopropyl dimethylamine oxide in water. Ultra CDO is a mild, effective wetting agent, outstanding foam booster and thickener that is acid stable. INCI Name: Cocamidopropylamine Oxide.

Continued...

Grade	Structure	Description/Attributes
Macat Ultra CG		<p>MACAT Ultra CG is a 30% active coco (C₁₂) amidopropyl dimethylamine oxide in water. Ultra CG is a mild, effective wetting agent, outstanding foam booster and thickener that is acid stable. INCI Name: Cocamidopropyl Betaine.</p>
Macat LFB		<p>MACAT LFB is a 30% active caprylic/capric (C_{8/10}) amidopropyl dimethylamine oxide in water. LFB is a mild, effective wetting agent, outstanding foam stabilizer. INCI Name: Capryl/Capramidopropyl Betaine.</p>
Macat LB CB LCB		<p>MACAT Alkyl Betaines are LB: lauryl (C₁₂), CB: cetyl (C₁₆), LCB: lauryl/cetyl (C_{12/16}) dimethyl betaines in water. INCI Names: Lauryl Betaine, Cetyl Betaine.</p>
Macat LHS		<p>MACAT LHS is a 42% active/50% solids lauryl (C₁₂) hydroxysultaine in water. LHS is an effective wetting and detergent agent, outstanding foam stabilizer, stable in strongly acid and alkaline systems. INCI Name: Lauryl Hydroxysultaine.</p>
Macat DOSS-70PG S		<p>MACAT DOSS-70PG S is a 70% active di-2-ethylhexyl sodium sulfosuccinate in water/propylene glycol with broad FDA Status. Use as a wetting, dispersing, emulsifying and detergent ingredient. INCI Name: Diethylhexyl Sodium Sulfosuccinate</p>
Masamide CO CO-Extra		<p>MASAMIDE CO and CO-Extra are 100% active 1:1 and 2:1 coconut oil diethanolamides. These products are industry standard foam boosting and stabilizing, and thickening agents. INCI Name: Cocamide DEA.</p>
Masamide R-4		<p>MASAMIDE R-4 is a 90% active PEG-4 rapeseedamide in water. R-4 is a unique thickening, foam boosting and stabilizing, and solubilizer, free of diethanolamine and nitrosamine. INCI Name: PEG-4 Rapeseedamide.</p>
Masurf G-2C		<p>MASURF G-2C is a 100% active glycereth-2 cocoate. G-2C is a non-irritating, thickening, foam boosting, stabilizing, solubilizer and emollient, free of diethanolamine and nitrosamine. INCI Name: Glycereth-2 Cocoate.</p>

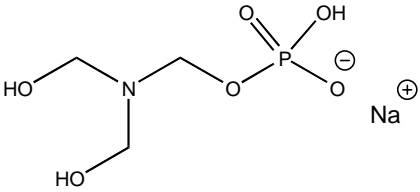
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MASON Specialty Surfactants, Polymers and Blends.

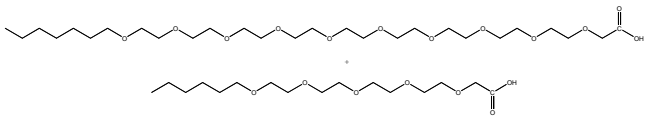
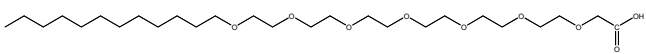
Grade	Structure	Description/Attributes
Masurf NF-10	Proprietary blend	MASURF NF-10 is a highly efficient, high alkaline stable surfactant that represents a unique detergent system that features high alkaline hydrotrope properties of an anionic with low foam cloud point performance of a nonionic.
Masurf 1250 Masurf 1250A	Masurf 1250 – Sodium Alkanoate Masurf 1250A – Potassium Alkanoate	MASURF 1250 and 1250A are highly efficient, hypochlorite stable surfactants that contributes surface activity, wetting, and detergency with excellent solubility and stability in alkaline and high electrolyte systems.
Masurf D-125	Proprietary acrylic polymer	MASURF D-125 is a 25% active, non-discoloring aqueous anionic polymer dispersant, deflocculant and rheology modifier. D-125 effectively suspends many types of solids, and stabilizes and controls viscosity of high solids systems.
Masurf LFN	Proprietary blend	MASURF LFN is a highly efficient, 100% active Low Foam Nonionic difunctional block copolymer surfactant with excellent low foam detergency. LFN is an effective defoamer and water-in-oil emulsifier.
Masurf NRW NRW-N	Proprietary blend	MASURF NRW is a highly efficient, non-fluoroaliphatic, no-residue “ pseudo-surfactant ” wetting agent , at concentrations of 0.1 to 0.25%. Use Masurf NRW-N in cationic systems.

Continued...

MASON Oil Field Chemicals include a range of Specialty Foamers, Acidizers and Scale Inhibitors.

Grade	Structure	Description/Attributes
Masurf TEA-SI		<p>MASURF TEA-SI is a Triethanolamine phosphate ester Scale Inhibitor, made from a reaction between triethanolamine and polyphosphoric acid.</p>

MACAT AEC alcohol ether carboxylates are unique multi-functional surfactants with anionic/nonionic surfactant functionality with hypochlorite stability. MACAT AECs are shipped as the free acid, for neutralization into a range of products and applications. Performance can be tailored as a function of pH: under acidic conditions, MACAT AEC functions as a nonionic, under alkaline conditions MACAT AEC functions as a hard water tolerant anionic.

Grade	Structure	Description/Attributes
Macat AEC- 8964		<p>MACAT AEC-8964 is recommended for all applications where low foam, wetting, alkaline stability and hypochlorite stability is critical. INCI Name: Capryleth-9 + Hexeth-4 Carboxylic Acids</p>
Macat AEC-126		<p>MACAT AEC-126 is recommended for mildness, efficient foaming, wetting and detergency. Use AEC-126 in high foaming anionic systems for mildness and oil solubilization. INCI Name: Laureth-6 Carboxylic Acid.</p>

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