



MACKAM[®] 50-SB

INCI Name: Cocamidopropyl Hydroxysultaine

CAS No.: 691400-36-9

EINECS No.: Not Listed

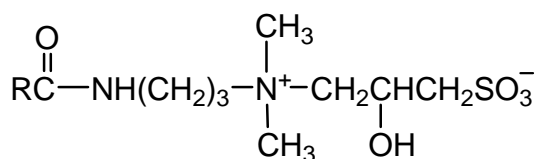
Product Description

Mackam 50-SB is a high performance zwitterionic surfactant that has excellent lime soap dispersing properties and is stable over a wide pH range. It is compatible with anionic, nonionic, amphoteric and cationic surfactants. This grade of cocamidopropyl hydroxysultaine has a particularly low color and odor. **Mackam 50-SB** exhibits high foaming even in high electrolyte solutions. When compared to cocamidopropyl betaine, **Mackam 50-SB** exhibits better flash foam and viscosity-building characteristics with lauryl sulfates and alpha olefin sulfonates. **Mackam 50-SB** is produced from a high grade of purified, hydrogenated coco fatty acid and is fully biodegradable. It is stable in both hard and soft water. *A glycerine-free grade that works well for quality mild shampoos, high-foaming bath products and liquid soaps.*

Specifications

| | |
|----------------------------------|--------------|
| Appearance @ 25°C | Clear Liquid |
| Color Gardner | 3 Max |
| Odor | Typical |
| Solids (Oven, 1 hour @ 105°C) | 48.0 – 51.0 |
| pH (10% Aqueous Sol'n) | 7.0 – 9.0 |
| Sodium Chloride, % | 5.5 – 7.0 |

Chemical Structure



Where RCO- represents the fatty acids derived from coconut oil.

Typical Properties

| | |
|---------------------------|--------|
| Specific Gravity, @ 25°C | 1.09 |
| Total Plate Count (CFU/g) | 10 Max |
| Preservative | None |

Principal Uses

Personal Care

| | |
|----------------|----------|
| Shampoos | 2% - 10% |
| Body Cleansers | 2% - 10% |
| Bubble Baths | 1% - 5% |
| Liquid Soaps | 2% - 10% |

Industrial & Institutional

| | |
|----------------------|---------|
| Lime Soap Dispersion | 2% - 5% |
| Oil Field Products | 1% - 5% |

Regulatory

Mackam 50-SB

| | |
|-----------------------|---------------------|
| TSCA: Listed | Japan: Not Listed |
| EU: Not Listed | Korea: Not Listed |
| Australia: Not Listed | New Zea: Not Listed |
| Canada: Not Listed | Philipp: Not Listed |
| China: Not Listed | Swiss: Not Listed |

Shelf Life

Shelf life 48 months from date of manufacture.

Packaging

Available in bulk, 450 pound plastic drum and 2200 pound tote

Storage and Handling

Mackam 50-SB should be stored in sealed containers below 30°C in a dry place out of direct sunlight. If material becomes hazy after exposure to cold gently heat to 35°C and mix before use. Handle between 25°C – 35°C. Avoid prolonged exposure to heating as this may lead to degradation.



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WARNING

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