

OLIVEM® 460

INCI Name: Sodium PEG-7 Olive Oil Carboxylate (61% solids)

Product Code: O460

Brand: Olivem®

Olivem® 460 is an anionic surfactant designed with about 60% of active substance concentration; this technical feature makes it a preservative-free product. It is a clear liquid with slight characteristic odor having high biodegradability index – tested according to the CEE regulation N. 82/242 OECD Method.

Olivem® 460 is derived from olive oil fatty acids and this is the reason for its mildness and high skin compatibility: it possesses excellent dermatological compatibility and mild cleansing properties, combined with high emollient feeling after rinse-off.

It is recommended in formulations for sensitive skin, baby care, haircare and personal hygiene because it is proven to be able to reduce the final irritation index of the formulation. It is highly compatible with common cationic, nonionic and amphoteric surfactant as well as silicone systems.

The recommended usage levels are 5-12% as the primary surfactant and 1-5% as a secondary surfactant. Shelf life: 36 months.

Appearance	Clear liquid
Odor	Slight, characteristic
Color (Gardner)	4 maximum
Actives, %	60.0 - 62.0
Microbiology	Specification (at time of drumming)
Bacteria count (CFU/g)	100 maximum
Fungal count (CFU/g)	100 maximum
pH	4.5 - 6.5
Viscosity (cP, 25°C)	< 1000 cP (Brookfield RDV, Spindle 2, 20 rpm)
Additives and Preservatives	None

Soluble In	Alcohol [Ethanol] Isopropyl Alcohol Methyl Alcohol Mineral Oil (dispersible) Vegetable Oil (dispersible) Water
Toxicology Profile	Biodegradability: Readily biodegradable (28 day - 80%) Ocular Irritation Potential (HET-CAM) Test: Moderately irritant
Packaging	Drum - 60kgs Drum - 125kgs

Regional Approvals:

- EU
 - US
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Applications:

- Bar Soaps
- Bath Additives
- Cleansing Wipes
- Facial Cleansers
- Liquid Handsoaps
- Shampoos
- Shaving Products
- Shower Gels/Body Washes

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