MACKANATE® OPSV
INCI Name: Disodium Oleamido MIPA Sulfosuccinate
CAS No.: 43154-85-4
EINECS No.: 256-120-0

Product Description
Mackanate OPSV is a sulfosuccinate half ester of Oleamide MIPA made from vegetable feedstock. As such, it is a very mild surfactant to both eyes and skin. When blended with high foaming anionic surfactants, like alpha olefin sulfonates, lauryl and laureth sulfates, Mackanate OPSV will reduce irritation without significantly reducing foam. Mackanate OPSV also responds readily to viscosity builders, such as amides, betaines and salts. High viscosity products can be easily formulated. A vegetable-derived grade that is preserved with DMDM Hydantoin.

Specifications
Appearance @ 25°C Clear Liquid
Color Gardner 10 Max
Solids, %, (Moisture Balance) 37.0 – 42.0
pH, (5% Solution) 6.0 – 7.0
Sulfite, % (MW=52) 0.1 Max
Acid Value 6.0 Max
Infrared Spectrum Match Standard
Total Plate Count 100 Max
% Solids 37.0 – 42.0
(2 HR @ 105°C 2 Gram W/Pad)
Viscosity @ 25°C, #3 SP @ 12 RPM CPS 2000 Max

Typical Properties
Specific Gravity, @ 25°C 1.11
Total Plate Count, CFU/g 10 Max
Odor @ 25°C Typical
Actives (MW 563), % 20.0 – 36.0
Preservative, %
DMDM Hydantoin 0.22

Principal Uses
Mild Shampoos 2% - 10%
Baby Shampoos 2% - 10%
Bubble Baths 15% - 20%
Hand Dish Wash 3% - 15%
Body Cleansers 2% - 5%

Shelf Life
Shelf life 24 months from date of manufacture.

Packaging
Available in bulk or 450 lb. net 55 gallon drums.

Chemical Structure

Regulatory
Mackanate OPSV
TSCA: Listed
EU: Listed
Australia: Listed
Canada: Listed DSL
China: Not Listed
Japan: No Info
Korea: Not Listed
New Zea: Listed
Philipp: Listed
Swiss: No Info
Storage and Handling

Mackanate OPSV should be stored in sealed containers below 30°C in a dry place out of direct sunlight. Mackanate OPSV is subject to hydrolysis. The rate is temperature sensitive, particularly as temperatures above 30°C are encountered. Storage or handling temperatures above 40°C are not recommended and will result in fairly rapid hydrolysis.

If this material gets chilled during transport or after being received clear, it may become hazy and some precipitate may form. Gentle warming (at 35°-40°C) with mixing should return the material to a clear solution. If the material will not return to clear, it should not be used.

WARNING

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