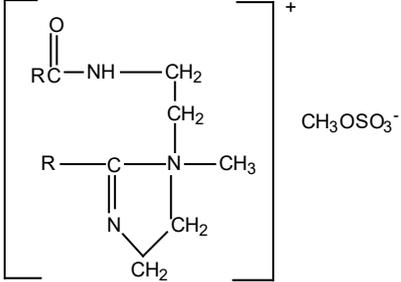


## Product Bulletin

Product Name	<b>ACCOSOFT® 808</b>																		
Chemical Structure																			
INCI Name	<p>CH<sub>3</sub>OSO<sub>3</sub><sup>-</sup></p> <p>R = tallow</p>																		
Chemical Description	Methyl (1) tallow amidoethyl (2) tallow imidazolinium methyl sulfate																		
CAS Registry Number	68122-86-1																		
Applications	ACCOSOFT 808 can be used in household and industrial liquid fabric softeners. It is an easy-to-handle product that imparts softness to fabrics and reduces static cling. ACCOSOFT 808 can be used in making stable dispersions at up to 20% solids.																		
Typical Properties	<table border="0"> <tr> <td>Appearance at 25°C .....</td> <td>Opaque, yellow solid</td> </tr> <tr> <td>pH, 10% in water/IPA .....</td> <td>6</td> </tr> <tr> <td>Solids, % by wt. ....</td> <td>80</td> </tr> <tr> <td>Color, Gardner.....</td> <td>6 max.</td> </tr> <tr> <td>Density, g/mL (lbs/U.S. gal).....</td> <td>0.91 (7.6)</td> </tr> <tr> <td>Pour Point, °C (°F).....</td> <td>10 (50)</td> </tr> <tr> <td>Minimum Handling Temperature (MHT), 25°C (°F) .....</td> <td>16 (60)</td> </tr> <tr> <td>Flash Point, PMCC, °C (°F).....</td> <td>23.5 (74.3)</td> </tr> <tr> <td>RVOC, US EPA, % Isopropanol.....</td> <td>20</td> </tr> </table>	Appearance at 25°C .....	Opaque, yellow solid	pH, 10% in water/IPA .....	6	Solids, % by wt. ....	80	Color, Gardner.....	6 max.	Density, g/mL (lbs/U.S. gal).....	0.91 (7.6)	Pour Point, °C (°F).....	10 (50)	Minimum Handling Temperature (MHT), 25°C (°F) .....	16 (60)	Flash Point, PMCC, °C (°F).....	23.5 (74.3)	RVOC, US EPA, % Isopropanol.....	20
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Environmental Effects	ACCOSOFT 808 is biodegradable. A detailed biodegradability statement is available upon request.																		
Health Effects	ACCOSOFT 808 is slightly toxic orally to mammals (LD <sub>50</sub> is between 0.8 to 1.1 g/kg) and aquatic organisms (LC <sub>50</sub> = 11.1 mg/L). At 10% active, it causes mild to moderate skin and eye irritation.																		
Storage & Handling	<p>It is recommended that ACCOSOFT 808 be stored in sealed containers kept in a well-ventilated area away from sparks, fire, and open flame. Avoid overheating or freezing. Equipment should be grounded when transferring or using material. Normal safety precautions (e.g., gloves and safety goggles) should be employed when handling ACCOSOFT 808. Contact with eyes, nose or prolonged contact with skin should be avoided. Wash thoroughly after handling ACCOSOFT 808. See SDS for more information.</p> <p><u>Standard Packaging:</u> ACCOSOFT 808 is available in drum or bulk quantities.</p>																		



The color and odor of ACCOSOFT fabric softener quaternaries are susceptible to degradation as a result of exposure to high temperatures, particularly in the presence of air. ACCOSOFT 808 contains hydrogen peroxide as an antioxidant to preserve color.

Non-Bulk Storage Recommendations: ACCOSOFT 808 should be stored in closed containers and kept in a cool, dry place away from incompatible materials (see Section 10 of the SDS). If material is frozen it should be heated gently and stirred to ensure it is homogeneous prior to use.

Bulk Storage Recommendations: ACCOSOFT 808 should be stored in vessels of 316 stainless steel. Material should be stored between 85 - 120°F (29 - 49°C). Tanks should be padded with a nitrogen gas blanket, and equipped with conservation vents and flame arrestors. Tanks should be adequately insulated to maintain elevated temperatures. Generally, mixing is recommended to maintain homogeneity, either by a mechanical stirrer or recirculation loop. Hot water heating provided through No. 316L stainless steel heating coils is recommended. Steam heating through coils can be used. No. 316L stainless steel centrifugal or positive displacement pumps should be used. Piping should be of No. 316L stainless steel, schedule 40 or steel kynar lined P.V.F. Rubber hoses lined with Teflon or crosslinked polyethylene and equipped with No. 316L stainless steel fittings are recommended for loading and unloading. Contact with brass, copper, and aluminum components must be strictly avoided.

Workplace Exposure

Occupational exposure can occur primarily through skin contact or via inhalation of vapors and mists. Engineering controls, personal protective equipment, and other workplace safety practices should be used to control these exposures. See SDS for more information.

Clearances

The international inventories (country clearances) of ACCOSOFT 808 can be found in Section 15 of the Safety Data Sheet (SDS). It is the responsibility of the formulator to review the chemical control regulations for each country where the end-product is intended to be sold or used. If you have any further questions regarding inventories, please contact North America Technical Service at [techserv@stepan.com](mailto:techserv@stepan.com).

Product Stewardship

This product bulletin has been written in accordance with ACC's Product Stewardship guidelines.

Additional Safety Information

A Safety Data Sheet (SDS) is available upon request.



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