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| Product Name | BIO-TERGE[®] PAS-7S |
| Chemical Structure | R-CH ₂ -SO ₃ Na R=C ₅₋₇ |
| Chemical Description | Sodium Alkane Sulfonate |
| CAS Registry N°: | 2832-45-3 and 5324-84-5 |
| Applications | BIO-TERGE PAS-7S is a high quality, light coloured, aqueous solution of primary alkane sulfonate; it is a low foaming, biodegradable anionic surfactant with excellent coupling properties. BIO-TERGE PAS-7S provides good wetting and hydrotropic properties as well as stability over a wide pH range. BIO-TERGE PAS-7S offers versatility in formulating industrial and institutional cleaners due to its excellent solubility in highly acidic and alkaline systems as well as good compatibility with detergent builders and bleach. |
| Typical Properties | Appearance @ 20°C..... Clear liquid Solids, % 41 Color, Gardner <1 Density, g/ml.....1.10 Flash Point, SETA, °C 50 Viscosity, BROOKFIELD 20 rpm, @ 20°C, mPa.s 30 Viscosity, BROOKFIELD 20 rpm, @ 40°C, mPa.s 19 |
| Biodegradability | Bio-Terge PAS 7S complies with the biodegradability criteria as laid down in regulation (EC) No. 648/2004 on detergents. |
| Toxicity | BIO-TERGE PAS-7S is practically non-toxic orally (LD ₅₀ > 5 g/kg) and it causes moderate skin and eye irritation at 31% active. The product is not a dermal sensitizer. |
| Storage & Handling | Handle BIO-TERGE PAS-7S with care; use away from sparks and open flame. Use in well-ventilated area. Contact with eyes, nose or prolonged skin contact should be avoided. Wash thoroughly after handling material. It is recommended that BIO-TERGE PAS-7S be stored in sealed containers and kept in a cool, dry place. This product can crystallize below 15°C. When crystallisation occurs during storage, it is necessary to warm the drums up to 30-40°C and to re-homogenise it before use. After this operation the product can remain hazy, this is normal and does not affect its performance. <u>Bulk Storage Information:</u> BIO-TERGE PAS-7S should be stored in vessels of 316 stainless steel or fibreglass with a corrosion liner. Material should be stored between 16°C - 27°C. An internal hairpin coil of stainless steel with low-pressure steam (under 50 psig) should be used if heating is required. Mild agitation is required if the tank is heated. Material is heat sensitive and agitation prevents localised heating. Heating may not be required for inside storage if the tank is turned over frequently. Stainless steel 316 is preferred for pumps, pipes and transfer lines. |



Standard Packaging: BIO-TERGE PAS-7S is available in bulk, containers (1000Kg) and in drums (220 kg).

Clearances

All components of BIO-TERGE PAS-7S are listed in the following countries; registration numbers for the active ingredients are included in parentheses: in Europe (EINECS 220-601-3 and 226-195-4), Canada (DSL 2832-45-3 and 5324-84-5), Australia (AICS 2832-45-3 and 5324-84-5), Korea (ECL Serial No.KE-19791 and KE-31559), USA (TSCA listed).

BIO-TERGE® is a registered trademark of Stepan Company.

Additional Safety Information

A Material Safety Data Sheet is available upon request.

For Additional Assistance

For applications or product handling assistance, call our Corporate Offices at (33) 4-76-50-5160.
For ordering assistance, call our Customer Service Department at (33) 4-76-50-5100.

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