




# Product Specification

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## DIOCTYL SODIUM SULPHOSUCCINATE

<b>PRODUCT CODE</b>	<b>056007</b>
<b>SYNONYMS</b>	(Aerosol OT' : Docusate sodium salt), [Sodium bis(2-ethylhexyl) sulphosuccinate; Sulphobutanedioic acid bis (2-ethylhexyl ester) sodium salt]
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	577-11-7
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_{20}H_{37}NaO_7S$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	444.56
<b>PROPERTIES</b>	Hygroscopic.
<b>PARAMETER</b>	<b>LIMIT</b>
Description	White, wax like plastic solid hygroscopic.
Solubility	Dissolve 25 gm in 100ml of alcohol, the solution does not develop a haze within 24hrs.
Assay (Redox titration : calculated on anhydrous basis )	99.0-100.5%
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Residue on ignition (calculated on anhydrous basis)	15.5-16.5%
Heavy metals	0.001%
Water	2.0%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>DANGER</b> <b>Hazard statements</b> : May cause respiratory irritation. Flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. May cause allergic skin reaction. Causes serious eye damage. Harmful to aquatic life. Causes skin irritation. Causes serious eye damage . Precautionary statements Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosionproof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor /physician. Call a POISON CENTER or doctor /physician if you feel unwell. Rinse mouth. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse.	IMDG Code : -- UN No. : -- IATA : --
<b>Disposal:</b> The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
<b>Hazard Pictogram(s) :--</b>	
 GHS05	

