



SDFCL
s d fine-CHEM LIMITED



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID\PS\37350XPS.xls		
PRODUCT CODE	37350		
PRODUCT NAME	BENZOYL PEROXIDE LR (Contents 25% water)		
SYNONYMS	--		
C.I. NO.	--		
CASR NO.	(94-36-0)		
ATOMIC OR MOLECULAR FORMULA	$(C_6H_5CO)_2O_2$		
ATOMIC OR MOLECULAR WEIGHT	242.23		
PROPERTIES	Soluble in nearly all organic solvents; slightly soluble in alcohols, vegetable oils, slightly soluble in water. Decomposes explosively above 105°C.		
$(C_6H_5CO)_2O_2$			
PARAMETER	LIMIT		
Description	White or almost white granular powder.		
Minimum Assay	98.0%		
Melting Point (after drying)	102° - 105°C		
Loss on drying (in vacuum)	23 - 27%		
MAXIMUM LIMIT OF IMPURITIES			
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1] Note(s) : Assay (if applicable) method mentioned. 2] To ensure safety in transit benzoyle peroxide is moistened with 23 - 27% water. 3] Storage 0 – 8°C			
HAZARD DANGER Heating may cause a fire. May intensify fire; oxidiser. May cause an allergic skin reaction. Causes serious eye irritation.	IMDG Code : 5.2 UN No. : 3104. IATA : 5.2.		
PRECAUTIONARY STATEMENTS Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep/Store away from clothing/ ... /combustible materials. Take any precaution to avoid mixing with combustibles. Keep only in original container. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash ... thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.			
Disposal: -----			
Hazard Pictogram(s) :			
 Flammable Oxidising Skin irritation			
Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 02.05.2015	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 02.05.2015	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 11.05.2015	Issue Date : 01.07.2002 Revision No.: 04 Revision dt. : 11.05.2015 AMEND NO. : 1683