IN 71

MONSANTO CHEMICAL COMPANY

INORGANIC CHEMICALS DIVISION

FINISHED PRODUCT SPECIFICATION

PRODUCT: Dodecyl benzene sulfonic acid
ALKYLATE A-215

PLANT	CODE NO.
WGK	0510-215

GRADE: BIODEGRADABLE

DATE EFFECTIVE	ISSUE NO.	SUPERSEDES
11/16/65	3	5/24/65

APPROVALS

PRODUCTION *(Plant Manager)* E. L. Boehm	RESEARCH *(Asst. Director)* G. J. McEwan
SALES *(Sales Manager)* F. Rodgers	QUALITY CONTROL *(Chief Chemist)* W. J. Gresham

AUTHORIZED *(Quality Control Director)* J. S. Metcalf

GENERAL DESCRIPTION

	CHARACTERISTICS	LIMITS	TYPICAL VALUES	METHOD NO.
(R)	Appearance	Water White Liquid		11945
(R)	Color, APHA	10 max.		11945
(R)	Turbidity, APHA	2 max.		11945
(R)	Residue	0.005 ml. max.		11946
(R)	Bromine Number	0.1 max.		12746
(R)	Water	0.01% max.		12702
(R)	Sulfonation Color	92% min.		12687
(R)	Unsulfonated Oils	1.5% max.		12691
(R)	Sp. Gr. 60°F./60°F.	0.855 - 0.865		T-3129
(R)	Homolog Distribution			12995
	<C10	2% max.		
	C10	25% max.		
	C10 + C11	50% min.		
	C12	25% min.		
	C10 + C11 + C12	85% min.		
	C13	15% max.		
	>C13	2% max.		
(R)	Average Molecular Weight	231 - 241		12995
(R)	2-Phenyl Isomer	25% max.		12995
(AI)	Organic Chloride	0.01% max.		10997

DSW 201929

(R) *ROUTINE ANALYSIS* (AI) *CHECKED AT INTERVALS*

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STLCOPCB4059996