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MONSANTO CHEMICAL COMPANY

INORGANIC CHEMICALS DIVISION

FINISHED PRODUCT SPECIFICATION

PRODUCT	ALKYLATE A-225
PLANT	WGK
CODE NO.	0510-225
GRADE	BIODEGRADABLE

DATE EFFECTIVE	ISSUE NO.	SUPERSEDES
11/16/65	3	9/14/64

APPROVALS

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

AUTHORIZED *(Quality Control Director)*

J. S. Metcalf

GENERAL DESCRIPTION

	CHARACTERISTICS	LIMITS	TYPICAL VALUES	METHOD NO.
(R)	Appearance	Water White Liquid		11,945
(R)	Color	10 APHA, max.		11,945
(R)	Turbidity	2 APHA, max.		11,945
(R)	Residue	0.005 ml., max.		11,946
(R)	Water	100 ppm., max.		12,702
(R)	Sp. Gr. @ 60°/60°F.	0.855 - 0.865		T-3129
(R)	Bromine Number	0.1 max.		12,746
(R)	Sulfonation Color	92% min.		12,687
(R)	Unsulfonated Oils	1.5%, max.		12,691
(R)	Homolog Distribution			
	Less than C10	0.5%, max.		
	C10	15%, max.		
	C10 + C11	30 - 50%		
	C13 + C14	30%, max.		
	C14	10%, max.		
	Greater than C14	0.5%, max.		
(R)	Average Molecular Wt.	240 - 248		12,995
(R)	2-Phenyl Isomer	25%, max.		12,995
(AI)	Organic Chloride	0.01%, max.		10,997

DSW 201945

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

NOTE: THIS SPECIFICATION IS THE PROPERTY OF MONSANTO CHEMICAL COMPANY AND IS FOR INTERNAL USE ONLY. IT MAY NOT BE ... QUALITY CONTROL DEPARTMENT

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