IN 71

Monsanto

INORGANIC CHEMICALS DIVISION

FINISHED PRODUCT SPECIFICATION

PRODUCT	ALKYLATE A-230
PLANT	WGK
CODE NO.	0510-230
GRADE	BIODEGRADABLE
DATE EFFECTIVE	10/26/67
ISSUE NO.	6
SUPERSEDES	4/14/67

APPROVALS

PRODUCTION *(Plant Manager)* O. D. Dressel	RESEARCH *(Asst. Director)* G. J. McEwan
SALES *(Sales Manager)* D. L. Sliney	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		11,945
(AI)	Color, APHA	10 max.		11,945
(AI)	Turbidity, APHA	2 max.		11,945
(AI)	Residue	0.005 ml. max.		11,946
(R)	Bromine Number	0.1 max.		T-3124
(AI)	Water	0.01%, max.		12,702
(R)	Sulfonation Color	40%, min.		T-3138
(AI)	Unsulfonated Oils	1.5%, max.		12,691
(AI)	Sp. Gr. 60°F./60°F.	0.855 - 0.865		T-3129
(R)	Homolog Distribution			12,995
	C11 and less	5%, max.		
	C13	40%, min.		
	C13 + C14	65 - 95%		
	C15 and greater	5% max.		
(R)	Average Molecular Weight	256 - 266		12,995
(R)	2-Phenyl Isomer	10 - 20%		12,995
(AI)	Organic Chloride	0.01%, max.		10,997

DSW 201931

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

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