

MONSANTO CHEMICAL COMPANY

INORGANIC CHEMICALS DIVISION

**FINISHED PRODUCT
SPECIFICATION**

PRODUCT

ALKYLATE A-225

PLANT

WGK

CODE NO.

0510-225

GRADE

BIODEGRADABLE

DATE EFFECTIVE

11/16/65

ISSUE NO.

3

SUPERSEDES

9/14/64

APPROVALS

PRODUCTION (Plant Manager)

E. L. Boehm

RESEARCH (Asst. Director)

G. J. McEwam

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		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 201930

(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
 REPRODUCED WITHOUT WRITTEN APPROVAL BY THE QUALITY CONTROL DEPARTMENT.

STLCOPCB4059997