

RC53

13.5-68-HX

DOW

THE DOW CHEMICAL COMPANY

MIDLAND MICHIGAN

March 7, 1956

G. E. Lynn
Agricultural Chemical Research
c/o 47 Building

cc: G. F. Meier, 440 Building
J. A. Kelly, Chemical Engineering Lab.

JFJ
GEL 3/8/56
RN
KGB
MAR 7 1956

The physical property information on 1,2-Dibromo-3-chloropropane which you requested for use in data sheet is as follows:

REC'D DOW

AG. CH. F. S.

STAGE F.

* 6117

Boiling point at 760 mm. Hg ^m	199.0 ± 0.5°C.
Boiling point at 300 mm. Hg	164.5°C.
Boiling point at 100 mm. Hg	130.3°C.
Freezing point	5°C.
Specific gravity at 15/4°C.	2.098
Specific gravity at 20/4°C.	2.090
Specific gravity at 25/4°C.	2.081
Pounds per gallon at 20°C.	17.44
Viscosity in centipoises at 15°C.	5.97
Viscosity in centipoises at 25°C.	4.52
Flash point	None
Fire point	None
Heat of vaporization at 25°C. (calc) (calories/mole)	10,890

Solubility, grams per 100 grams solvent, at 25°C.:

Acetone	∞
Benzene	∞
Carbon tetrachloride	∞
Ether	∞
n-Heptane	∞
Methanol	∞
Water	< 0.1

*Slight decomposition above 185°C. "

Yours very truly,

RMA

R. M. Athey
Specifications, Labeling and Registration Section

RMA/hb

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