

# SAYTEX<sup>®</sup> RB-9170 FLAME RETARDANT

## DESCRIPTION

SAYTEX RB-9170 flame retardant is a low-viscosity, reactive, aromatic bromine-containing diol with high bromine content. The product is a low-viscosity amber liquid with improved processing and storage characteristics compared to conventional brominated diols. Low viscosity at room temperature eliminates the need for heated, insulated storage tanks and drum-heating facilities.

This patented proprietary product is the result of Albemarle technology that produces unique, high-aromatic-bromine-content diols in low-viscosity form.

## APPLICATIONS

Reactive diol for rigid polyurethane and polyisocyanurate foams, urethane elastomers and coatings.

## FEATURES

- High aromatic bromine content
- Reactive diol
- Scorch resistant
- Low viscosity

## TYPICAL PROPERTIES

Appearance/form	Amber/liquid
Viscosity (cP @ 25 °C)	2000-4000
Halogen (wt %)	43
Specific gravity	1.75
Bulk density, lb/gal (kg/m <sup>3</sup> )	14.6 [1750]
Hydroxyl number (mg KOH/g)	160-188
Acid number (mg KOH/g), max.	0.55
Water (wt %), max.	0.20
Solubility (wt. % at 25 °C)	
n-pentane	2.4
Cyclopentane	5.4
Isopentane	2.1
HFC 245fa	10.0
HFO 1233zd(E)	<0.1

*These properties are typical but do not constitute a specification either in part or as a whole. Specification data is available on request from sales, customer service or customer technical service.*

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**CHEMICAL REGISTRATION  
NUMBERS**

CAS: 77098-07-8  
EUCAS: 20566-35-2  
EINECS: 2438850

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**RESPONSIBLE CARE**

Albemarle is committed to the safety and well-being of our customers, employees and the community at large. Safety Data Sheets (SDS) are available upon request.

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NORTH AMERICA 4250 Congress Street, Suite 900 • Charlotte, NC 28209 • Tel: +1 980 299 5700  
EUROPE Parc Scientifique Einstein, Rue du Bosquet 9, 1348 • Louvain-la-Neuve, Belgium • Tel: +32 10 48 17 11  
LATIN AMERICA Av. Brigadeiro Faria Lima, 1461 – sala 131-B • Sao Paulo, SP Brazil, 01451-001 • Tel: +55 11 99655-2288  
CHINA Room 3202, No. 757 Mengzi Road, Gopher Center, Huangpu District • Shanghai, PRC. 200023 • Tel: 86.21.6103.8666

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