

TECHNICAL DATA

ACCEPTED

JUL 14 1972

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
ED UNDER NO 230-66 SUBJECT
TO ATTACHED COMMENTS.

40% CDB-59

40% Potassium Dichloroisocyanurate
(Potassium dichloro-s-triazinetrione)

60% Sodium Sulfate
100%

40% CDB-59 is a white, dry available chlorine compound for use in dry formulations where a stable source of chlorine is desired. It is recommended for use in household products and for applications where rapid dissolving is desired.

40% CDB-59 is packaged in poly-lined fiber drums with Lever Lok closures. The powdered product has a net weight of 225 pounds and the granular form has a net weight of 300 pounds.

For further or more detailed assistance in formulating, packaging, or labelling, contact the CDB Sales Department of the Inorganic Chemicals Division.

CHEMICAL AND PHYSICAL PROPERTIES

Formula	40% Potassium Dichloroisocyanurate (Potassium dichloro-s-triazinetrione)
	60% Sodium Sulfate
Available Chlorine, %	
Minimum	22.0
Typical	23.5
pH (1% solution)	5.9 - 6.7
Physical Form	A white, crystalline material with a mild chlorine odor.

Screen Specifications

Powder	on U. S. 200 mesh	5.0% maximum
Medium	on U. S. 30 mesh	2.0% maximum
	on U. S. 70 mesh	88.0% minimum

40% CDB-59, like many other dry, available chlorine-containing compounds, is a strong oxidizing agent. If allowed to come into contact with oil, grease, sawdust, floor sweepings, or other easily oxidized organic compounds, it may cause such materials to burn.

40% CDB-59 can be thermally decomposed only by high temperature conditions such as a lighted cigarette or a match, or a reaction with an easily oxidized compound.

Compositions with reducing agents or many nitrogen compounds should be avoided.

The presence of moisture in formulations causes decreased stability and generation of strong chlorine odors. Only completely dry and clean mixing equipment and containers should be used. 40% CDB-59 should be stored in cool, dry, well-ventilated areas.

Handling precautions normally observed for available chlorine-containing compounds should be followed. Mixing should be performed in well-ventilated areas. In a closed system, a dust collector may be used to recover fines and dust given off during mixing.

40% CDB-59 should not be taken internally. If accidentally swallowed, induce vomiting, and call physician. Contact may irritate skin, eyes, nose, and/or lungs. Use respirator and goggles when handling or transferring. Rinse contacted areas with water.

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. Nothing contained herein should be construed as permission or recommendation to infringe any patent. No agent, representative or employee of this company is authorized to vary any of the terms of this notice.

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CHEMICAL AND PHYSICAL PROPERTIES

Formula 40% Potassium dichloro-s-triazinetriene
(Potassium Dichloroisocyanurate)

60% Sodium Sulfate

Available Chlorine, %
Range 22.0% - 26.0%
Typical 23.5%

pH (1% solution) 5.9 - 6.7

Physical Form A white, crystalline material with a mild chlorine odor.

Screen Specifications

Powder	on U. S.	200 mesh	5.0% maximum
Medium	on U. S.	30 mesh	2.0% maximum
	on U. S.	70 mesh	88.0% minimum

40% CDB-59 can be thermally decomposed only by very high temperature conditions. It also may be decomposed with easily oxidized compounds. Compositions with reducing agents and other nitrogen compounds should be avoided.

