

MERQUEL[®] 45



www.icl-ip.com

Chemical name: MERQUEL[®] 45
Formula: NaBr
CAS Number 7647-15-6
MW: 102.9

General & Use:

MERQUEL[®] 45 is a source of elemental bromine for industry.

MERQUEL[®] 45, as a bromine containing compound, can be used to oxidize elemental mercury present coal into ionic species thereby enhancing the overall capture of mercury in downstream pollution control equipment.

For health & safety matters please refer to the MSDS.

Typical Analysis:

Appearance water clear odourless liquid
Clarity clear solution

	Min	Max
Sodium bromide %	44.5	45.8
Density at 20°C kg/m ³	1.47	
pH of a 5% aqueous solution	5.5	8.5

Toxicity:

Based on solid:

LD₅₀ (oral, rat): 4,200 mg/kg

LD₅₀ (dermal, rabbit): >2,000 mg/kg

MERQUEL[®] 45 is a mild irritant to eyes and non-irritant to the intact skin.

Packaging:

IBC 1,450 kg

For more information please contact us.

MERQUEL® 45

Visit our Website: www.icl-ip.com

For more information about our products and to place an order, please contact one of our regional sales offices.

Head Office

ICL-IP Israel Ltd.
E-mail: bip.info@icl-ip.com

North America

ICL-IP America INC
E-mail: bip.nam@icl-ip.com

China & Pacific

ICL China CO Ltd.
E-mail: bip.china@icl-ip.com

Asia & Other Pacific

ICL Asia Ltd.
E-mail: bip.asia@icl-ip.com

Europe

ICL-IP Europe B.V.
E-mail: bip.europe@icl-ip.com

South America

ICL Brasil
E-mail: bip.sam@icl-ip.com

Japan

ICL-IP Japan Ltd.
E-mail: bip.japan@icl-ip.com

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable as of the date of publication. However, no warranty is made as to the accuracy of and/or sufficiency of such information and/or suggestions as to the merchantability or fitness of the product for any particular purpose, or that any suggested use will not infringe any patent. Nothing herein shall be construed as granting or extending any license under any patent. Buyer must determine for itself, by preliminary tests or otherwise, the suitability of this product for its purposes, including mixing this product with other products. The information contained herein supersedes all previously issued bulletins on the subject matter covered.