

MERQUEL[®] 98



ICL Industrial
PRODUCTS

www.icl-ip.com



Chemical name: MERQUEL[®] 98
Formula: NaBr
CAS Number: 7647-15-6
MW: 102.9

General & Use:

MERQUEL[®]98 is a source of elemental bromine for industry.

MERQUEL[®]98, as a bromine containing compound, can be used to oxidize elemental mercury present in 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	solid	
	Min	Max
Assay (as NaBr) %	98	
Loss on drying %		0.5
Transmittance of 25% Sol 410mm %	90	
pH of a 5% aqueous solution	5.5	8.5
Chlorides (as Cl) wt %		2
Iodides (as I) %		0.01
Sulfates (as SO ₄ ⁻²) Wt%		0.07
Heavy metals (as Pb) ppm		10
Total hardness (as Ca) ppm		100

Toxicity:

MERQUEL[®]98 is practically non-toxic. It is non-irritating to skin and only slightly irritating to eyes. It is not a skin sensitizer.

LD₅₀ (oral, rat): 4,200 mg/kg

LD₅₀ (dermal, rabbit): >2,000 mg/kg

Packaging:

It can be supplied in:

- 1,050 kg net pallets each carrying 42 polyethylene valve bags of 25 kg.
- As a free flowing compacted product in either 1 MT or 650 kg big bags.

Storage and Handling:

Store in a dry, cool, well ventilated area. Keep containers tightly closed.

For more information please contact us.

MERQUEL® 98

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.