

15298-4

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Judy A. Smith  
ICL-IP America, Inc.  
95 Maccorkle Avenue, Southwest  
South Charleston, WV 25303-1411

FEB 05 2009

Subject: Methyl Bromide 100  
EPA Registration No. 15298-4  
Your Amendment dated October 20, 2008  
Decision No. 403124

Dear Ms. Smith:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

1. In the "Precautionary Statements" section under the "Hotline Number" heading delete the word, "of" and replace it with the word "or" so that the statement shall read, "Have the product container or label with you when calling..."
2. Move the "Protective Clothing" section and the "Respiratory Protection" section from page 3 to page 2 immediately above the "Environmental Hazards" section.
3. Revise the first sentence of the "Protective Clothing" section to read as follows: "Wear a loose long sleeve shirt and long pants, shoe and socks that are cleaned after each wearing."
4. In the "Respiratory Protection" section, revise "(20 mg/m3)" to read "(20 mg/m<sup>3</sup>)".
5. On page 2 under the "Directions for Use" section, revise the second sentence to read, "Methyl bromide is highly hazardous material and may be used only by individuals trained in its proper use."

Methyl Bromide 100  
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6. On page 3, under the "Pesticide Disposal" heading, move the statement "Do not contaminate water, food, or feed by disposal" under the "Pesticide, Storage, Handling and Disposal" main heading.
  7. On page 3, under the "Pesticide Storage, Handling, and Disposal" heading, block both of the "Pesticide Disposal" and "Container Disposal" statements together.

One copy of the label stamped "Accepted with comments" is enclosed for your records. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment. If you have any questions, please contact Tamue L. Gibson by phone at (703) 305-9096 or via email at [gibson.tamue@epa.gov](mailto:gibson.tamue@epa.gov).

Sincerely,



Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7505P)

Enclosure

# METHYL BROMIDE 100 (TECH)

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(For Manufacturing Use Only)

A nematicide, insecticide, herbicide, for formulation or repackaging into end-use products intended for indoor food/feed uses. End-use products containing 0.25% or greater Chloropicrin intended for terrestrial, greenhouse, domestic outdoor, and indoor non-food uses.

<b>ACTIVE INGREDIENT:</b>	<b>By Wt.</b>
METHYL BROMIDE.....	100%
TOTAL.....	100%

**ACUTELY TOXIC CHEMICAL**  
14.4 LBS. Active Ingredient per gal. (LIQUID IN CYLINDER)

**KEEP OUT OF REACH OF CHILDREN**

**DANGER PELIGRO**



**POISON**

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

**FEB 5 2009**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.**

15298-4

**Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)**

<b>FIRST AID</b>	
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOTLINE NUMBER</b>	
Have the product container of label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-420-9236 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
Early symptoms of overexposure are dizziness, headache, nausea and vomiting, weakness and collapse. Lung edema may develop in 2 to 48 hours after exposure, accompanied by cardiac irregularities; these effects are the usual cause of death. Repeated overexposure can result in blurred vision, staggering gait and mental imbalance, with probable recovery after a period of no exposure. Blood bromide levels suggest the occurrence, but not the degree of exposure. Treatment is symptomatic.	

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Manufactured by:

**Bromine Compounds Ltd.**  
**c/o ICL-IP America, Inc.**  
95 MacCorkle Ave., SW,  
South Charleston, WV 25303  
Tel: (304) 720-3950  
Fax: (304) 746-3101

EPA Reg. No. 15298-4

EPA Est. No. 15298-IS-01

EPA Est. No. 11220-CA-8

EPA Est. No. 29516-NC-01

EPA Est. No. 29516-FL-04

**IN CASE OF EMERGENCY, CONTACT**

CHEMTREC: (800) 424-9300 or (703) 527-3887 (Collect calls accepted) [24 Hrs.]  
or ICL-IP America/HyYield-Bromine/Clearon Emergency Response: (304) 746-3000 [24 Hrs.]  
or HyYield Bromine, Inc. : (910) 675-9409 or (813) 752-4244 [Business Hrs. ONLY]

AB04-Rev.5

Net Contents: \_\_\_\_\_ Lbs. / \_\_\_\_\_ Kgs.

10-17-08

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS & DOMESTIC ANIMALS**  
**DANGER**  
**HIGH ACUTE TOXICITY**

Extremely hazardous liquid and vapor under pressure. Do not breathe vapor. Inhalation may be fatal or cause serious acute illness or delayed lung or nervous system injury. Liquid or vapor can cause serious skin or eye injury which may have a delayed onset. Do not get liquid on skin, in eyes or on clothing.

Methyl bromide vapor is odorless and non-irritating to skin and eyes during exposure. Exposure to toxic levels may occur without warning or detection by the user.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL HAZARDS:** Do not use or store near heat, open flames, or sparking electrical equipment.

**CHEMICAL HAZARDS:** Do not use application devices incorporating natural rubber or aluminum or magnesium or their alloys.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Methyl bromide is a highly hazardous material and should be used only by individuals trained in its proper use. Before using, read and follow all label precautions and directions.

All persons working with methyl bromide must be knowledgeable about the hazards, and trained in the use of required respirator equipment and detector devices, emergency procedures, and proper use of the fumigant.

Technical methyl bromide is a nematocide, insecticide, herbicide used for formulation or repackaging into end-use products intended for indoor food/feed uses. End-use products containing 0.25% or greater Chloropicrin are intended for terrestrial, greenhouse, domestic outdoor, and indoor non-food uses.

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**PROTECTIVE CLOTHING:** Wear loose clothing and socks that are cleaned after each wearing. Do not wear jewelry, gloves or boots when handling. Methyl bromide is heavier than air and may be trapped inside clothing and cause skin injury. If full-face respiratory protection is not required, wear full face shield or safety glasses with brow and temple side shields (DO NOT WEAR GOGGLES) for eye protection when handling liquid. After application, immediately remove clothing, shoes and socks. Do not reuse contaminated clothing or shoes until cleaned. Drenched clothing cannot be adequately decontaminated.

**Respiratory Protection:** If the concentration of methyl bromide in the working area, as measured by a direct-reading detector device (e.g., Draeger), does not exceed 5 ppm (20 mg/rn3), no respiratory protection is required. If this concentration is exceeded at any time, all persons in the working area must wear protective clothing and a NIOSH/MSHA approved self-contained breathing apparatus (SCBA) or combination air-supplied/SCBA respirator.

**Spill and Leak Procedures:** Evacuate immediate area of spill or leak. Use SCBA or combination air-supplied/SCBA respirator for entry into affected area to correct problem. Move leaking or damaged cylinders or containers outdoors or to an isolated location, observing strict safety precautions. Work upwind if possible. Allow spill to evaporate. Do not permit entry into spill area by unprotected persons until concentration of methyl bromide is determined to be less than 5 ppm.

Contaminated soil, water, and other cleanup debris is a toxic hazardous waste. Report spill to the National Response Center (800-424-8802) if the reportable quantity of 1000 lbs. is exceeded.

### PESTICIDE STORAGE, HANDLING AND DISPOSAL

**PESTICIDE STORAGE AND HANDLING:** Store in a secure manner either outdoors under ambient conditions, or indoors in a well ventilated area. Post as a pesticide storage area.

Do not contaminate water, food or feed by storage. Store cylinders upright, secured to a rack or wall to prevent tipping. Cylinders should not be subjected to rough handling or mechanical shock such as dropping, bumping, dragging or sliding. Do not use rope slings, hooks, tongs, or similar devices to unload cylinders. Transport cylinders using hand truck, fork truck or other device to which the cylinder can be firmly secured.

Do not remove valve protection bonnet and safety cap until immediately before use. Replace safety cap and valve protection bonnet when cylinder is not in use.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, either contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance, or follow registrant's instructions for return of partially empty cylinders. Do not contaminate water, food, or feed by disposal.

**CONTAINER DISPOSAL:** When cylinder is empty, close valve by turning clockwise until hand tight, screw safety cap onto valve outlet, and replace protection bonnet before returning to shipper. Only the registrant is authorized to refill cylinders. Do not use cylinders for any other purpose. Follow registrant's instructions for return of empty or partially empty cylinders.

#### RETURN OF CYLINDERS:

- (1) Cylinders are the property of the manufacturer or distributor where purchased and should be returned promptly by collect freight.
- (2) Do not ship cylinders without safety caps or valve protection bonnets.
- (3) When a cylinder is partially full and there is no further requirement for the product, contact the manufacturer or distributor for return instruction.
- (4) Containers should never be refilled by the consumer or used for any other product or purpose.

**Warranty:** Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

**WARNING:** Contains methyl bromide, a substance which harms public health and environment by destroying ozone in the upper atmosphere.