



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Antimicrobials Division (7510P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

92516-1

Date of Issuance:

5/8/17

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

PMV Liquid Chlorine Gas

Name and Address of Registrant (include ZIP Code):

Madhu Mandava
 Vice-President
 Agent for Petroquímica Mexicana de Vinilo, S.A. de C.V. Avenida 1 S/N
 c/o Mandava Associates, LLC
 4975 Preston Park Boulevard
 Suite 785W
 Plano, TX 75093

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Demson Fuller, Product Manager 32
 Regulatory Management Branch II
 Antimicrobials Division (7510P)

Date:

5/8/17

2. Be aware that proposed data requirements have been identified in a Chlorine Gas Final Work Plan. For more information on these proposed data requirements, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>
3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 92516-1.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 04/12/2017

If you have any questions, please contact Srinivas Gowda by phone at (703) 308-6354 or via e-mail at gowda.srinivas@epa.gov

Sincerely,

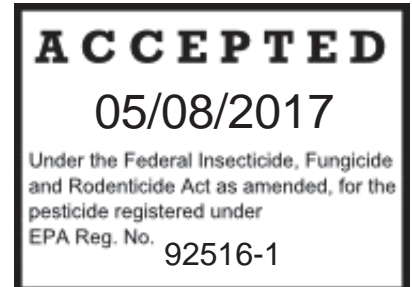


Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

PMV LIQUID CHLORINE GAS

ACTIVE INGREDIENT:
 Chlorine.....99.5%
 Other Ingredient.....0.5%
 Total.....100.0%



KEEP OUT OF REACH OF CHILDREN

DANGER  **POISON**

FATAL IF INHALED, LIQUID CAUSES SEVERE BURNS

FIRST AID	
If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing immediately. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first five minutes, then continue rinsing. • Call poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
NOTE TO PHYSICIAN	
<p>Symptoms may become more severe up to 36 hours after exposure including pulmonary edema. Probable mucosal damage may contraindicate the use of gastric lavage.</p> <p>HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR MEDICAL PHYSICIAN, OR GOING FOR TREATMENT. You may also contact the American Association of Poison Control Center: 1-800-222-1222 for 24-hour emergency medical treatment information.</p>	

EPA Reg. No. 92516-R

EPA Est. No. 91256-MEX-001

Net Contents:

Manufactured By:
 Petroquimica Mexicana de Vanilo, S.A. de C.V.
 Avenida 1 S/N
 Coatzacoalcos, Veracruz,
 Mexico

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Fatal if inhaled or absorbed through the skin. Corrosive. Causes irreversible eye damage and skin burns. Do not breathe vapors or get in eyes, on skin and clothing. Wear goggles, protective clothing and rubber gloves as discussed below. Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash it before reuse. Prolonged frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirts, long pants, shoes and socks. Under normal use conditions, no protective eyewear or gloves are required.

IN CASE OF SPILL OR LEAKAGE:

Handlers must wear chemical-resistant, waterproof, insulated gloves (such as nitrate of butyl), rubber boots and full-face respirators approved for chlorine (MSHA/NIOSH approval number prefix TC-14G) or self-contained breathing apparatus (SCBA) (MSHA/NIOSH approval number prefix TC-13F). Since there is always the possibility of a spill or leak, gloves and respirator of a type specified above must be available and are required for anyone entering into an affected area in the event of a leak or spill.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. 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 AND CHEMICAL HAZARDS

Chlorine is a non-flammable gas, liquefied, under pressure. Do not drop container. Do not heat container. Keep away from intense heat or open sunlight. Corrosive to most metals in the presence of moisture.

DIRECTION FOR USE-GENERAL CLASSIFICATION

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

USE AS A DISINFECTANT, by experienced personnel only, in municipal water supplies, sewage and waste management plants, in accordance with applicable local, state, and federal regulations.

USE IN MANUFACTURING PROCESSES, by trained personnel only, in production of bleach, plastics, chlorinated solvents, refrigerants and intermediates for products containing no chlorine. Proper training in safety and use of protective equipment are essential. Well-designed and maintained handling and processing facilities are required.

STORAGE AND DISPOSAL

LEAK PROCEDURES: Make daily inspections for leaks. Stop a leak at once, since it will become worse with time. In case of a leak, evacuate everyone from the immediate area. For entry into the affected area to correct problem, wear Personal Protective Equipment (PPE) (including prescribed respirators) specified in the Hazards to Humans and Domestic Animals section of this labeling. When possible, move leaking or damaged cylinders outdoors or to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow any liquid chlorine to evaporate. Only correctly trained and Personal Protective Equipment (PPE)-equipped handlers are to perform such cleanup. Do not permit entry into the leak area by any other person until the chlorine has completely dispersed.

HANDLING AND STORAGE: Provide special training to workers handling chlorine. Protect from physical damage. Do not place chlorine containers near heat or fire. Handling and storage of chlorine containers should be in accordance with all local, state, and federal regulations. Regularly test and inspect piping and containment used for chlorine service. Liquid levels should be 85% of tank cylinder capacity. Use in well-ventilated area.


IN THE EVENT OF FIRE: Remove chlorine containers from fire zone immediately. Use water to keep containers cool which cannot be moved, but, do not use water on the source of a chlorine leak. Use water spray to direct chlorine away from persons effecting shut-off. Wear full protective clothing and self-contained breathing apparatus.

DISPOSAL: Vent waste chlorine gas into scrubber using dilute alkali solution. Dispose of resultant hypochlorate in accordance with local, state, and federal regulations. Return empty chlorine tankcars and cargo tanks containing residual gas and/or liquid to supplier in compliance with applicable DOT regulations. Refillable container. Refill this container with Chlorine Gas only. Do not reuse this container for any other purpose.

Consult Chlorine Institute pamphlets for additional instructions and management procedures. Pamphlet 1 (Chlorine Basics) and Pamphlet 155 (Water and Wastewater Operators Chlorine Handbook) are available for free at: www.chlorineinstitute.org or by calling Chlorine Institute at: 800-662-9300.

FOR ASSISTANCE IN CHEMICAL EMERGENCY, CALL CHEMTREC 800-424-9300

Spills of 10 pounds or more must be reported to the **NATIONAL RESPONSE CENTER**
1-800-424-8802

<p>UN 1017 HMIS HAZARD RATING: HEALTH.....3 FLAMMABILITY.....0 REACTIVITY.....0</p>	<p>CAS No. 7782-50-5 NFPA FIRE HAZARD RATING</p> 
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Certified to ANSI/NSF Standard 60

Maximum use level for potable water 30.0 mg/L