U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

AUG 1 5 2001

DOT-E 11111
(FOURTH REVISION)

EXPIRATION DATE: July 31, 2003

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Great Lakes Chemical Corporation
El Dorado, Arkansas

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of an MC-330 cargo tank motor vehicle containing hydrogen bromide, anhydrous, as a refrigerated liquid. This exemption provides no relief from any regulation other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.314(c).

5. BASIS. This exemption is based on the application of Great Lakes Chemical Corporation dated July 10, 2001, in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description/proper shipping name	Hazard Class/ Division	Identification number	Packing Group
Hydrogen bromide, anhydrous	Division 2.3	UN1048	n/a

7. PACKAGING AND SAFETY CONTROL MEASURES: AUG 1 5 2001

a. PACKAGING - Packaging is a steel MC-330 cargo tank with a MAWP of 250 psig and 4800 gallon capacity. The tank must have a design service temperature of minus 100°F. The tank must be insulated with 12 inches of foam insulation covered with a highly reflective metal jacket. The insulation system must provide a holding time of 12 hours. The tank must be filled by weight and may not exceed 35,000 pounds net. Maximum filling density, as defined in Section 173.315(a) Table Note 1, must be 87.6%. All other packaging requirements are the same as required by 49 CFR for a steel MC-331 cargo tank being used to transport Hydrogen chloride, refrigerated liquid.

b. TESTING - Each tank must be retested in accordance with the requirements in § 180.407 for a steel MC-331 cargo tank used to transport Hydrogen chloride, refrigerated liquid.

c. MARKING - The MC-330 cargo tank covered by this exemption must be plainly and durably marked "DOT-E 11111." All other marking requirements that would apply to a steel MC-331 cargo tank being used to transport Hydrogen chloride, refrigerated liquid, are required. Such marking requirements in § 172.313 provide that the cargo tank be marked on two opposing sides as "Inhalation Hazard" in association with the required placards and shipping name.

8. SPECIAL PROVISIONS.

a. Shippers using the cargo tank motor vehicle covered by this exemption must comply with all provisions of this exemption, and all other applicable requirements contained in 49 CFR Parts 171-180.

b. The MC-330 cargo tank motor vehicle covered by this exemption is dedicated to the exclusive use service of transporting Hydrogen bromide, anhydrous, as a refrigerated liquid, between Great Lakes Chemical plant locations within 20 miles of El Dorado, Arkansas.

9. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard the cargo tank motor vehicle used to transport material that is covered by this exemption.

11. COMPLIANCE. Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.106 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption, must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS. The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

R. Ryan Posten

For Robert A. McGuire
Associate Administrator
for Hazardous Materials Safety

AUG 15 2001
(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590. Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

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