



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

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

DEC 1 2003

DOT-E 10457
(SEVENTH REVISION)

EXPIRATION DATE: November 30, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Thatcher Company
Salt Lake City, Utah

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

- a. This exemption authorizes the transportation in commerce of chlorine contained in MC 331 cargo tanks equipped with angle valves, excess flow valves and pressure relief valves not presently authorized in the regulations. This exemption provides no relief from the Hazardous Materials Regulations (HMR) 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 §§ 178.337-9(b)(8), 178.337-11(a) and 173.315(i)(13) in that the outlets and pressure relief and excess flow valves for each cargo tank are not authorized except as specified herein.
5. BASIS: This exemption is based on the application of Thatcher Company dated November 19, 2003, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

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Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Chlorine	2.3	UN1017	N\A

7. SAFETY CONTROL MEASURES: Packaging prescribed is a MC 331 cargo tank motor vehicle fabricated and equipped for chlorine service in accordance with the HMR (§ 178.337) except as follows:

a. The excess flow check valves in the liquid and gas lines must conform to Midland Manufacturing Corporation drawing A-120-ML-B dated March 9, 1990 and may be used in place of the valves specified in § 173.33(h). The excess flow check valves are authorized for use only when mounted in conjunction with Midland Manufacturing Corporation's one inch angle valve conforming to Midland Manufacturing Corporation's drawing A-713-ML dated January 7, 1991. The Midland Manufacturing Corporation's angle valves may be used in place of the angle valves specified in § 177.33(h).

b. The angle valves must be tested before installation and once every twelve months at not less than 225 psig using dry air or inert gas in lieu of that prescribed in § 173.33(f).

c. The pressure relief valve must conform to Midland Manufacturing Corporation's drawing A-1402 Series, valve number A-14227-ML, set at 225 psig, dated April 26, 1990, in lieu of that prescribed in § 173.315(i)(13).

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. MARKING - Each cargo tank must be plainly marked on the curb side near the front in letters at least two inches high on a contrasting background, "DOT-E 10457".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS:

a. A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

b. Drivers must have been instructed as to necessary safeguards and procedures in the event of unusual delay, fire, or accident.

c. Motor carriers operating under the terms of this exemption must have a "Satisfactory" or "Conditional" safety rating as prescribed in 49 CFR Part 385.

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.

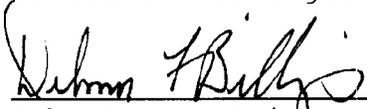
o Registration required by § 107.601 et seq., when applicable.

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(s) 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.:

for 
Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

DEC 1 2003

(DATE)

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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.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: AM

January 13, 2004

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
ALTIVIA Corporation St. Gabriel, LA	Dec 17, 2003	Jan 13, 2004	Nov 30, 2005
Brenntag Southwest, Inc. (form Advance Chem. Dist) Sand Springs, OK	Dec 16, 2003	Jan 13, 2004	Nov 30, 2005
DPC Enterprises, L.P. Houston, TX	Dec 15, 2003	Jan 13, 2004	Nov 30, 2005
DPC Industries Company Houston, TX	Dec 15, 2003	Jan 13, 2004	Nov 30, 2005
DPC Industries, Inc. Houston, TX	Dec 15, 2003	Jan 13, 2004	Nov 30, 2005
DX Systems Company Houston, TX	Dec 15, 2003	Jan 13, 2004	Nov 30, 2005
DXI Industries, Inc. Houston, TX	Dec 15, 2003	Jan 13, 2004	Nov 30, 2005
Great Lakes Chemical Corporation El Dorado, AR	Dec 10, 2003	Jan 13, 2004	Nov 30, 2005
Thatcher Company Salt Lake City, UT	Nov 19, 2003	Dec 01, 2003	Nov 30, 2005



for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety