In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 10689 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to March 31, 1997. This change is effective from the issue date of this extension. All other terms of the exemption remain unchanged.

This extension applies only to party(ies) listed below based on the application(s) received in accordance with 49 CFR 107.105. This extension constitutes a necessary part of this exemption and must be attached to it.

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EXEMPTION HOLDER

DPC Industries Company
Houston, TX

ADVISORY

IF YOU ARE A HOLDER OF AN EXEMPTION THAT AUTHORIZES THE USE OF A PACKAGING WITH A MAXIMUM CAPACITY LESS THAN 450 L (119 GALLONS) OR A MAXIMUM NET MASS LESS THAN 400 KG (882 POUNDS), PLEASE BE ADVISED THAT YOUR EXEMPTION MAY NOT BE RENEWED BEYOND SEPTEMBER 30, 1996. IN ADDITION, NO NEW CONSTRUCTION OF PACKAGINGS WHICH FALL WITHIN THE NON-BULK CAPACITIES LISTED ABOVE ARE AUTHORIZED AFTER SEPTEMBER 30, 1994. THIS IS CONSISTENT WITH THE IMPLEMENTATION OF THE NEW PACKAGING REQUIREMENTS ADOPTED UNDER DOCKET HM-181. ANY APPLICATION SUBMITTED TO THIS OFFICE TO RENEW AN EXEMPTION BEYOND THE SEPTEMBER 30, 1996 DATE WILL BE DENIED UNLESS THE APPLICATION CONTAINS SUPPORTING INFORMATION TO JUSTIFY THE CONTINUATION OF THE EXEMPTION.
DOT-E 10689  
(FIRST REVISION)

1. DPC Industries Company, Houston, Texas, is hereby granted an exemption from certain provisions of this Department’s Hazardous Materials Regulations subject to the limitations and special requirements specified herein. This exemption authorizes tank cars, containing the hazardous materials identified in paragraph 3, to remain standing with unloading connections attached when no product is being transferred, and provides no relief from any regulations other than as specifically stated.

2. **BASIS.** This exemption is based on DPC Industries Company’s application of March 4, 1992, submitted in accordance with 49 CFR 107.103, and the public proceeding thereon.

3. **HAZARDOUS MATERIALS (Descriptor and class).** Chlorine or sulfur dioxide, classed as a nonflammable gas.

4. **PROPER SHIPPING NAME (49 CFR 172.101).** Chlorine or sulfur dioxide.

5. **REGULATION AFFECTED.** 49 CFR Part 107, Appendix B; 174.67(i) and (j).

6. **MODES OF TRANSPORTATION AUTHORIZED.** Rail freight.

7. **SAFETY CONTROL MEASURES.**
   
a. The facility operator shall designate an employee responsible for on-site monitoring of the transfer facility in the absence of the unloader. The designated employee must be made familiar with the nature and properties of the product contained in the tank car, procedures to be followed in the event of an emergency; and, in the event of an emergency, have the ability and authority to take necessary corrective actions.

b. When a signalling system is used (including a monitoring system or a sensing device), the system must be capable of alerting the designated employee in the event of an emergency and providing immediate notification of any malfunction. (For recommendations on the selection, installation and maintenance of signalling systems see NFPA 72 - Installation, Maintenance and Use of Protective Signalling Systems.)
c. In the absence of the unloader:

   (i) the tank car and facility shutoff valves must
       be secured in the closed position;

   (ii) no product may be transferred; and

   (iii) the requirements of 49 CFR 174.67(a)(2) and
        (3) apply.

d. The transfer facility shutoff valve shall be located as
   close as practicable to the point of connection between the
   transfer system and the tank car and in a manner that will
   minimize the release of product in the event of hose rupture
   or separation. The facility operator must take appropriate
   steps to prevent rupture of transfer hoses due to product
   expansion (i.e. liquid expansion chambers or hoses with an
   increased minimum burst pressure rating.)

e. The facility operator must have on file, at each
   location using this exemption, a current copy of the
   Chlorine Institute’s Pamphlets 5, 57 and 66 for information
   on employee training and safety, emergency measures and
   recommended procedures for the installation of piping
   systems and emergency shut off facilities.

f. The facility operator must establish and maintain
   liaison with fire, police and other appropriate public
   officials to learn the responsibilities and resources of
   each governmental agency that may be called upon to respond
   to an emergency involving the tank car and transfer facility
   and acquaint the officials with the facility’s capabilities
   and procedures in the event of an emergency.

8. SPECIAL PROVISIONS.

a. Any manually operated switch providing access to the
   track on which the equipment is located must be lined
   against movement to that track and locked with an effective
   locking device operable only by a representative of the
   facility.

b. The facility operator shall install a bi-directional
   derail in an effective location (at least 50 feet when
   possible) from the end of the equipment to be protected by
   the caution sign. The person performing the unloading
   operation shall lock the device in the derailing position
   with an effective locking device operable only by a
   representative of the facility.
c. The facility operator shall have written safety procedures on file at each location that uses this exemption. The facility operator shall instruct each employee performing any function under this exemption on the contents of these procedures and ensure compliance with them. The written procedures must contain at least the following:

(i) A physical description of the facility including the address and hours of operation.

(ii) A drawing of the transfer facility showing natural and manmade barriers, locations of protective equipment (i.e. derail and caution sign), locations of emergency equipment and locations of signalling equipment.

(iii) Procedures for monitoring the transfer facility [see paragraphs 7(a) and (b)].

(iv) Information on the contents of the tank car including:

(a) chemical or common name of the product
(b) health and physical hazards involved in handling the product
(c) emergency and first aid procedures

(v) Procedures for securing the transfer facility and protective equipment including derail, switch locks, tank car brakes, caution sign and wheel blocks.

(vi) Equipment available for employee safety and procedures for using the equipment.

(vii) Procedures and limitations for movement of tank cars in the vicinity of the transfer facility.

(viii) Testing and maintenance of system components including signalling systems.

(ix) Training requirements for designated employees responsible for monitoring the transfer facility.
(x) Procedural steps in the event of an emergency, including names and phone numbers of key personnel and public agencies to contact.

(xi) Procedures for reviewing incidents to determine whether the written procedures require revision or modification to prevent future occurrences and amending those procedures when the review necessitates changes.

d. The marking requirements of Appendix B to Subpart B of Part 107 are waived.

9. REPORTING REQUIREMENTS. Any incident involving loss of packaging contents, packaging failure or associated release of product must be reported to the Associate Administrator for Hazardous Materials Safety as soon as practicable. (49 CFR 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.)


Issued at Washington, D.C.:

[Signature]
Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

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

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