

October 29, 2009



U.S. Department  
of Transportation

East Building, PHH - 30  
1200 New Jersey Avenue, Southeast  
Washington, D.C. 20590

**Pipeline and Hazardous  
Materials Safety Administration**

DOT-SP 6293  
(FOURTEENTH REVISION)

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of spent mixed acid containing not over 3% dissolved nitroglycerin, not over 16% nitric acid, and at least 18% water by volume, in stainless steel DOT specification cargo tanks. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
  - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
  - c. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.56(b) in that mixtures are not required to be examined, classed and approved, except as specified herein.
5. BASIS: This special permit is based on the application of St. Marks Powder, Inc., dated September 10, 2009, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Materials Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Nitrating acid mixtures <i>with not more than 50 percent nitric acid</i>	8	UN1796	II
Nitrating acid mixtures, spent <i>with not more than 50 percent nitric acid</i>	8	UN1826	II
Sulfuric acid, spent	8	UN1832	II

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are insulated stainless steel DOT Specification MC-311 or MC-312 or DOT-412 cargo tank motor vehicles, equipped for top loading and unloading only. The cargo tank design pressure may not be less than 30 psig.

b. TESTING - Each cargo tank motor vehicle must be reinspected and retested as specified in § 180.407 for MC-311, MC-312, and DOT-412 cargo tank motor vehicles.

c. OPERATIONAL CONTROLS -

(1) During transportation, the temperature of the lading must be maintained between 40°F and 80°F.

(2) Before each shipment, a spent acid analysis must be made. A copy of each analysis must be kept on file and be available for examination by representatives of the Department for at least three months after shipment. PRIMEX Technologies, Inc. must file reports of the analyses performed on the spent acid in the first six shipments with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA). Reports on whether the nitroglycerin was still completely in solution after the acid was transported must be filed with OHMSPA.

(3) Each cargo tank must be operated in exclusive use service while transporting only the spent acid and acid mixtures provided for herein.

8. SPECIAL PROVISIONS:

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

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

c. MARKING - Each cargo tank motor vehicle must be plainly marked on the right side near the front, in letters at least two inches high on a contrasting background, "DOT-SP 6293".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit 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 special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- 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 special permit must receive training on the requirements and conditions of this special

permit in addition to the training required by §§ 172.700 through 172.704.

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

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)- 'The Hazardous Materials Safety and Security Reauthorization Act of 2005' (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Dr. Magdy El-Sibaie  
Acting Associate Administrator for Hazardous Materials Safety

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

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at [http://hazmat.dot.gov/sp\\_app/special\\_permits/spec\\_perm\\_index.htm](http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm) Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: kah