



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

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

OCT 10 2003

DOT-E 11967
(FOURTH REVISION)

EXPIRATION DATE: September 30, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Savage Service, Corporation
Pottstown, PA
(Former grantee: Savage Industries, Inc.)
2. PURPOSE AND LIMITATION:
 - a. This exemption authorizes tank cars, containing hazardous materials identified in paragraph 6, to remain standing with unloading connections attached when no product is being transferred, provided that a minimal level of monitoring, as specified in this exemption is maintained, and provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated.
 - 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 § 172.302(b) in that marking the exemption number on the tank car is waived; and § 174.67 (i) and (j).
5. BASIS: This exemption is based on Savage Services Corporation's application dated September 22, 2003, submitted 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
Acetic acid, glacial, or Acetic acid solution, with more than 80 percent acid, by mass	8	UN2789	II
Acetone	3	UN1090	II
Bisulfites, aqueous solutions, n.o.s.	8	UN2693	III
Caustic alkali liquids, n.o.s.	8	UN1719	II
Combustible liquids, n.o.s.	Combustible liquid	NA1993	III
Corrosive liquids, n.o.s.	8	UN1760	I, II, III
Diisobutylene, isometric compounds	3	UN2050	II
Elevated temperature liquid, n.o.s. at or above 100 C and below its flash point (including molten metals, molten salts, etc.)	9	UN3257	III
Environmentally hazardous substances, liquid, n.o.s.	9	UN3082	III
Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions	3	UN1170	II
Ethyl methyl ketone or Methyl ethyl ketone	3	UN1193	II
Ferric chloride solution	8	UN2582	III
Ferrous chloride solution	8	NA1760	II
Flammable liquids, n.o.s.	3	UN1993	I, II, III
Fluorosilicic acid	8	UN1778	II
Fuel oil (1, 2, 4, 5, or 6)	3	NA1993	III
Gasoline	3	UN1203	II
Hazardous waste liquids, n.o.s.	9	NA3082	III
Heptanes	3	UN1206	II
Hexanes	3	UN1208	II
Hydrochloric acid	8	UN1789	II

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Hydrogen peroxide, stabilized or hydrogen peroxide, aqueous solutions with more than 60 percent hydrogen peroxide	5.1	UN2015	I
Isopropanol or isopropyl alcohol	3	UN1219	II
Methanol	3	UN1230	II
Nitrites, inorganic, aqueous solutions, n.o.s.	3	UN3219	II
Petroleum distillates, n.o.s. or Petroleum products, n.o.s.	3	UN1268	II
Petroleum gases, liquefied or Liquefied petroleum gas	2.1	UN1075	III
Petroleum oil	3	UN1270	I
Phosphoric acid, liquid or solid	8	UN1805	III
Potassium hydroxide solution	8	UN1814	II
Sodium hydroxide solution	8	UN1824	II
Sulfuric acid with more than 51% acid	8	UN1830	II
Toluene diisocyanate	6.1	UN2078	II
Toluene	3	UN1294	II
Xylenes	3	UN1307	II, III

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed are DOT specification tank cars authorized for the material specified.

b. The facility operator must protect the unloading operations by either:

(i) Lining any manually operated switch, under the proprietary control of the exemption holder that provides access to the track on which the equipment is located, against movement to that track and locking with an effective locking device operable only by a representative of the facility; and

(ii) Installing 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 must lock the device in the derailing position with an effective locking device operable only by a representative of the facility.

c. The facility operator must 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 responsive actions.

d. When a signaling 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 monitoring system malfunction. If the monitoring system does not have self-monitoring capability, the designated employee must check the monitoring system hourly for proper operation. (For recommendations on the selection, installation and maintenance of signaling systems, see NFPA 72 - Installation, Maintenance and Use of Protective Signaling Systems.)

e. In the absence of the unloader:

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

(2) no product may be transferred; and

(3) the requirements of § 174.67(a)(2) and (3) apply.

8. SPECIAL PROVISIONS:

a. The facility operator must have written safety procedures on file at each location that uses this exemption. The facility operator must 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:

- (1) A physical description of the facility including the address and hours of operation.
- (2) 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 signaling equipment.
- (3) Procedures for monitoring the transfer facility [see paragraphs 7(a) and (b)].
- (4) Information on the contents of the tank car including:
 - (i) chemical or common name of the product
 - (ii) health and physical hazards involved in handling the product
 - (iii) emergency and first aid procedures
- (5) Procedures for securing the transfer facility and protective equipment including derail, switch locks, tank car brakes, caution sign and wheel blocks.
- (6) Equipment available for employee safety and procedures for using the equipment.
- (7) Procedures and limitations for movement of tank cars in the vicinity of the transfer facility.
- (8) Testing and maintenance of system components including signaling systems.
- (9) Training requirements for designated employees responsible for monitoring the transfer facility.
- (10) Procedural steps in the event of an emergency, including names and phone numbers of key personnel and public agencies to contact.
- (11) 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.

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b. 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.

c. The marking requirements § 172.302(c) are waived.

9. MODES OF TRANSPORTATION AUTHORIZED: Rail freight.
10. MODAL REQUIREMENTS: None, except as required by the HMR.
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 incident 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

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(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.

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: sln

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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
Brenntag West, Inc. Santa Fe Springs, CA	12/21/01	3/5/2002	12/31/03
TRANSFLO Corporation Jacksonville, FL	3/7/2002	4/1/2002	12/31/03



fe Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety