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

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

AUG 17 1999

DOT-E 11888
(FOURTH REVISION)

EXPIRATION DATE: July 31, 2001

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Day and Zimmerman, Inc.
Parsons, KS

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

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of a Division 1.1A explosive wetted with ethanol, which is not authorized by the Hazardous Materials Regulations. The explosives and ethanol are contained in a specially designed packaging configuration. This exemption provides no relief from any regulation other than as specifically stated herein.

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

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.101.

5. BASIS: This exemption is based on the application of Day and Zimmerman, Inc. dated June 3, 1999, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi-fication Number	Packing Group
Substances, explosive, n.o.s. (Potassium dinitrobenzofuroxane and ethanol)	1.1A	UN 0473	II

7. PACKAGING AND SAFETY CONTROL MEASURES: - Not more than 500 grams of potassium dinitrobenzofuroxane mixed with not less than 500 grams of ethanol contained in a nalgene bottle with a threaded closure secured with tape. The bottle is placed in a tightly closed polyethylene bag at least 3 mils thick. The bagged bottle is placed in a two gallon metal can with the closure held in place by positive means. The metal can is placed in an eight gallon UN 1A2 steel drum with a polyethylene liner. All empty space between the nalgene bottle and the two gallon can and between the two gallon can and the eight gallon drum must be filled with vermiculite or some similar material.

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. In addition to the EXPLOSIVE label, (§ 172.411(b)), the package must bear the FLAMMABLE LIQUID label (§ 172.419).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and cargo vessel.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle and cargo vessel used to transport packages 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:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

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

AUG 17 1999

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. (§§ 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 at Washington, D.C.:

for Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

AUG 17 1999
(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 exemption may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th SW, Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

Dist: FHWA, USCG
po:sdc

APR 13 2000

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
Alliant Techsystems Inc., (a Delaware Corp.) Hopkins, MN	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001
Alliant Propulsion and Composites LLC, Magna, UT	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001
Alliant Aerospace Company Magna, UT	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001
Alliant Southern Composites Company LLC Iuka, MS	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001
Alliant Power Sources Company LLC, Horsham, PA	Jul 22, 1999	Aug 17, 1999	Jul 31 2001
Alliant Defense Systems LLC, Hopkins, MN	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001
Alliant Defense Electronics Systems, Inc., Clearwater, FL	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001
Alliant Integrated Defense Company LLC Hopkins, MN	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001
Alliant Missile Products Company LLC Rocket Center, WV	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001
Alliant Precision Fuze Company LLC Janesville, WI	Jul 22, 1999	Aug 17, 1999	Jul 31 2001
Alliant Conventional Munitions LLC Hopkins, MN	Jul 22, 1999	Aug 17, 1999	Jul 31 2001
Alliant Ammunition and Powder Company LLC Radford, VA	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001

APR 13 2000

Company Name City/State	Application Date	Issue Date	Expiration Date
Alliant Kilgore Flares Company LLC Toone, TN	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001
Alliant International Holdings Inc. Hopkins, MN	Jul 22, 1999	Aug 17, 1999	Jul 31 2001
Alliant Holdings LLC Hopkins, MN	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001
Alliant Conventional Munitions LLC, Hopkins, MN	Jul 22, 1999	Aug 17, 1999	Jul 31, 2001
Alliant Ammunition Systems Company LLC New Brighton, MN	Jan 4, 2000	Feb 25, 2000	Jul 31, 2001
Alliant Aerospace Composite Structures Company LLC, Clearfield, UT	Mar 29, 2000	Apr 13, 2000	Jul 31, 2001
Alliant Aerospace Propulsion Company LLC, Magna, UT	Mar 29, 2000	Apr 13, 2000	Jul 31, 2001
Alliant Lake City Small Caliber Ammunition Company LLC Independence, MO	Jan 4, 2000	Feb 25, 2000	Jul 31, 2001
Eagle-Picher Industries, INc., Joplin, MO	Jun 6, 1999	Aug 17, 1999	Jul 31, 2001
New River Energetics, Inc. Radford, VA	Jul 22, 1999	Aug 17, 1999	Jul 31 2001

for J. Suzanne Hedgepeth

Robert A. McGuire
Acting Associate Administrator for
Hazardous Materials Safety