



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

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

SEP 8 2003

DOT-E 12622
(SECOND REVISION)

EXPIRATION DATE: January 31, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Atlantic Research Corporation (ARC)
Automotive Products Group
Knoxville, TN
2. PURPOSE AND LIMITATION:
 - a. This exemption authorizes the transportation in commerce of certain materials described in paragraph 6 below, from one ARC facility to another ARC facility, as not subject to the shipping paper and placarding requirements in Part 172. 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 § 172.200 in that shipping paper requirements are waived and § 172.500 in that placarding requirements are waived.
5. BASIS: This exemption is based on the application of the Atlantic Research Corporation dated June 12, 2003 submitted in accordance with § 107.105 and the public proceeding thereon.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Airbag Inflators, compressed gas**	2.2	UN3353	N/A
Airbag Inflator	9	UN3268	III
Argon, compressed	2.2	UN1006	N/A
Cartridges, power device*	1.3C	UN0275	II
Cartridges, power device*	1.4C	UN0276	II
Igniters*	1.4G	UN0325	II
Igniters*	1.4S	UN0454	II
Propellant Solid*	1.3C	UN0499	II
Rare gases mixtures, compressed	2.2	UN1979	N/A
Compressed gas, n.o.s. (Argon)	2.2	UN1956	N/A

* Only those explosive materials approved in accordance with § 173.56 are authorized for transportation under this exemption.

** This proper shipping name may not be used after September 30, 2004.

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging is as prescribed in the HMR for the materials listed in paragraph 6 above. No more than 200 kg of Division 1.3C and/or Division 1.4C materials are authorized per motor vehicle.

b. OPERATIONAL CONTROLS:

(1) Transportation is restricted to movement on public roads as follows: Midpark Road in Knoxville, TN, 0.4 miles to Middlebrook Pike for 0.7 miles, and then onto Third Creek Road for 0.4 miles to the other ARC plant site.

SEP 8 2003

(2) The Atlantic Research Corporation will use a contract carrier, Skyline Transportation of Knoxville, TN, to transport the materials covered under this exemption. A vehicle owned and operated by ARC may be used to transport the materials listed in this exemption.

(3) Drivers of the motor vehicle must be specifically trained in the hazards associated with the hazardous materials being transported and be knowledgeable in appropriate emergency response procedures.

(4) Drivers of the motor vehicle must have the capability to contact the plant and appropriate emergency response organizations in the event of an accident or an emergency involving the hazardous materials being transported.

8. SPECIAL PROVISIONS:

- a. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.
- b. Packagings containing the materials covered under this exemption must be marked "DOT-E 12622".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle 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:

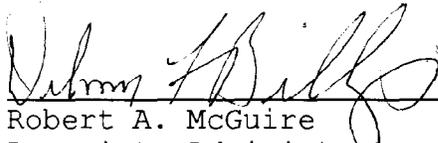
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

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 this 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

SEP 8 2003

(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: AM