DOT-E 12492
(FIRST REVISION)

EXPIRATION DATE: June 30, 2004

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Honeywell International Inc.
   Morristown, NJ

2. PURPOSE AND LIMITATION:
   a. This exemption authorizes the transportation in commerce
      of a DOT Specification 3AL cylinder containing liquefied
      gas, n.o.s., 2.2, UN3163. 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.


4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §173.304(a)(1) in
   that a DOT Specification 3AL cylinder is not an authorized
   packaging except as prescribed herein.

5. BASIS: This exemption is based on the application of
   Honeywell International Inc. dated May 15, 2002, submitted
   in accordance with § 107.109.
Continuation of DOT-E 12492 (1st Rev.)

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<table>
<thead>
<tr>
<th>Proper Shipping Name/ Hazardous Materials Description</th>
<th>Hazard Class/ Division</th>
<th>Identification Number</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquefied gas, n.o.s. (Contains Difluoromethane and Pentafluoroethane)</td>
<td>2.2</td>
<td>UN3163</td>
<td>N/A</td>
</tr>
</tbody>
</table>

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packaging is a DOT 3AL specification cylinder with a minimum service pressure of 1,800 psig. The material of construction must be aluminum alloy 6061-T6.

b. MARKING: Each DOT 3AL Specification cylinder must be marked "DOT-E 12492" and conform to the marking requirements of 178.35(f) (4), (5) and (6).

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 change 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.

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

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each 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. 5131 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.

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.:

[Signature]
Robert A. McGuire
Associate Administrator for Hazardous Materials Safety

AUG 8 2002
(DATE)
Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DMM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at [http://hazmat.dot.gov/exemptions](http://hazmat.dot.gov/exemptions). Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: cwf/sdc