The hazardous material items listed in this section are stocked by the NISCs.

This information is intended as a convenience to help shippers comply with the limitations and other requirements of various federal and industry regulations.

- If shipped by agency transportation, all Department of Transportation (49 CFR Parts 171-180) regulations apply.
- Anyone returning or transferring hazardous materials who is not familiar with haz-mat shipping requirements should contact the servicing NISC for instructions.
- Noncompliance may result in civil penalties of up to $10,000 being assessed to the individual shipping the hazardous materials.

Use of the **OF-316 Interagency Incident Waybill** is encouraged to insure that hazardous materials are listed in the required format.

- The completion of this form is the responsibility of the “Ship From” unit and would be the Supply Unit Leader at an incident.
- Hazardous material must be entered as the first item or highlighted on this form.

The 24-hour Emergency Response Phone Number **800-424-9300** can be used on all transactions involving NISC shipping and waybill documents. If circumstances necessitate calling this number, the customer identification to use is “National Interagency Support Caches”.

**49 CFR NON-BULK CHECKLIST**

- **Identification** - Proper Shipping Name, Class, UN/NA Number, and Packing Group
- **Packaging** - Will depend on the quantity shipped, single or combination loads
- **Marking** - Proper shipping name, UN/NA number, and the name and address of recipient
- **Labeling** - Primary hazard and placement
- **Shipping papers** - Basic description and the emergency response telephone number
- **Placards** - As necessary
- **Emergency Response Information** - MSDS sheets or DOT Emergency Response Guide

**Access to MSDS is available online at** [http://jrm.phys.k-state.edu/Safety/msds.html](http://jrm.phys.k-state.edu/Safety/msds.html)

<table>
<thead>
<tr>
<th>NFES</th>
<th>PROPER SHIPPING NAME</th>
<th>CLASS</th>
<th>UN/NA ID#</th>
<th>PACKING GROUP</th>
<th>MOTOR CARRIER</th>
<th>UPS</th>
<th>IATA CARGO</th>
</tr>
</thead>
<tbody>
<tr>
<td>0372</td>
<td>CARTRIDGES, POWER DEVICE</td>
<td>ORM-D</td>
<td>N/A</td>
<td>30kg/P</td>
<td>30kg/pg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0689</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For Ground Shipments:
- ORM-D
- N/A
- 30kg/P
- 30kg/pg

For Passenger Air Shipments:
- 1.4S
- UN3023
- 25kg/P
- 25kg/pg

For Cargo Air Shipments:
- 1.4S
- UN3023
- 100kg/P
- 100kg/pg

Refer to 49 CFR 173.63 section for exceptions, labels and placards

<table>
<thead>
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<th>MOTOR CARRIER</th>
<th>UPS</th>
<th>IATA CARGO</th>
</tr>
</thead>
<tbody>
<tr>
<td>0371</td>
<td>FLAMMABLE SOLID, inorganic, n.o.s.</td>
<td>4.1</td>
<td>UN3178</td>
<td>III</td>
<td>30kg/P</td>
<td>GRND-12.5kg/pg</td>
<td>100kg/pg</td>
</tr>
<tr>
<td>0299</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIR-25kg/pg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0687</td>
<td>(Aluminum powder)</td>
<td>ORM-D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1) Marking
2) Labeling: **FLAMMABLE SOLID 4**
3) Placard if greater than 1000 lbs. None
4) Refer to 49CFR 173.151 section for limited quantity exceptions.
5) Single packaging is not permitted on aircraft.

(Continued on reverse side)
0307  FIRE EXTINGUISHERS  2.2 UN1044  N/A  Non-bulk  70 lbs/pg  150 kg/pg
1) Marking
2) Labeling: NON-FLAMMABLE GAS 2
3) Placard if greater than 1000 lbs.
4) Refer to 49 CFR 173.309 section for exceptions for labeling & placards.
5) Ground shipments must be packed in strong packing box.

0491  PETROLEUM GASES, LIQUEFIED  2.1 UN1075  N/A  Non-bulk  GROUND ONLY  150 kg/pg
1) Marking
2) Labeling: FLAMMABLE GAS 2
3) Placard if greater than 1000 lbs.

3411  POTASSIUM PERMANGANATE  5.1 UN1490  II  29 kg/pg  29 kg/pg  25 kg/pg*
1) Marking
2) Labeling: OXIDIZER 5.1
3) Placard if greater than 1000 lbs.
4) Refer to 49 CFR 173.4 section for small quantity exceptions.
5) This material is not subject to the requirements of 49 CFR. The shipper certifies conformance with this
   section by marking the outside of the package with the statement "This package conforms to 49 CFR
   173.4."

*Per IATA Regulations: Shipping under Limited Quantity 511 is allowed but requires a 4G package.

0105  FUSEE  4.1 NA1325  II  Non-bulk  GRND-12.5 kg/pg  AIR-15 kg/pg
1) Marking
2) Labeling: FLAMMABLE SOLID 4 (GROUND)
3) EXPLOSIVE 1.4S (AIR)
4) Per 49 CFR 173.184-section this item must be packed in 4G UNPOP boxes.
** International Class and Domestic Air will require change of proper shipping name to:
SIGNAL DEVICES, 1.4S, UN0373, PG II, LABEL REQUIRED--25 kg/PG Passenger Air and
100 kg/PG Cargo Air. SEE IATA REGULATIONS

0105  OXYGEN, COMPRESSED  2.2 UN1072  N/A  Non-bulk  70 lbs/pg  150 kg/pg
1) Marking
2) Labeling: NON-FLAMMABLE GAS and OXIDIZER
3) Placard if greater than 1000 lbs.
4) The OXYGEN 2 label may be used in place of the Non-flammable Gas and Oxidizer labels.
Refer to 49 CFR 172.405 (b) section

1361  PETROLEUM DISTILLATES, n.o.s.  3 UN1268  II (Naphtha solvent)
1) Marking
2) Labeling: FLAMMABLE LIQUID 3 & UP ARROW
3) Placard if greater than 1000 lbs.
4) Refer to 49 CFR 173.202 section-metal receptacle required in fiberboard 4G package
5) Package orientation markings on the two opposite vertical sides of the package.