AARHUS UNIVERSITET

QUICK GUIDE FOR PACKING AND MOVING CHEMICALS - PEDESTRIAN.

Chemicals NOT classified as hazardous. 	Packed in a good quality fiberboard box. 	Dangerous goods: No	Remarks: None	Can it be moved by a moving company? 	Contact AU´s safety advisor? 
Chemicals classified with:  H315 H319  H302 H312 H332  H318  H340 H341 H350 H351 H360 H361 H362  H334 H317  H370 H371 H372 H373  H304  H412 H313 and/or H420 	Packed in a good quality fiberboard box. 	Dangerous goods: No	Remarks: Irritation. Harmful. Seroius eye damage. Mutagenic, Carcinognic, Reproduction toxic and harm to breast-feed child. Allergy Causes damage to organs single and repeated exposure Aspiration toxic Environmentally Ozone	Can it be moved by a moving company? 	Contact AU´s safety advisor? 

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Chemicals classified with:	Packed in a good quality fiberboard or plastic box.	Dangerous goods:	Remarks:	Can it be moved by a moving company?	Contact AU´s safety advisor?
 H225 H226  H300 (PGII) H301 H310 (PGII) H311 H330 (PGII) H331  H314 PG II and PG III Category 1B or 1C and/or H400 H410 H411 	 	NOT as pedestrian!	Flammable liquid Toxic Corrosive Environmentally hazardous	 Does it require 1.3 training of packer and driver? 	

QUICK GUIDE FOR PACKING AND MOVING CHEMICALS - PEDESTRIAN.

FOR THE FOLOWWING CHEMICALS EXTREMELY RARE – BUT CAN OCCUR!

Chemicals classified with:	Packed in a good quality fiberboard or plastic box.	Dangerous goods: NOT as pedestrian!	Remarks goods:	Can it be moved by a moving company?	Contact AU´s safety advisor?
 H224  H300 cat 1 H310 cat. 1 H330 cat. 1  H314 cat.1A H250 H251 H252 H260 H261  H270 H271 H272  EUH014 EUH019	 		EXTREMELY flammable liquid FATALE toxic. SEVERE corrosive. Flammable solid Self-Reactive Liable to Spontaneous combustion and in contact with water, emit flammable gasses Oxidizing. Reacts violently with water. May form explosive peroxides.	 Does it require 1.3 training of packer and driver?  Can it be transported according to 1.1.3.6? 	
Chemicals classified with: H200 to H242.  Compressed gas  Infectious  GMO  Radioactive 	Packed in an UN approved packaging and it must be marked/labeled. 	Dangerous goods: NOT as pedestrian!	Remarks: Explosives! Gas cylinder. Infectious substances/ clinical risk waste. GMO Radioactive substances and materials.	Can it be moved by a moving company?  Does it require 1.3 training of packer and driver? 	Contact AU´s safety advisor? 

H-phrases:

H200 Unstable explosive.
H201 Explosive; mass explosion hazard.
H202 Explosive; severe projection hazard.
H203 Explosive; fire, blast or projection hazard.
H204 Fire or projection hazard.
H205 May mass explode in fire.

H220 Extremely flammable gas.
H221 Flammable gas.
H222 Extremely flammable aerosol.
H223 Flammable aerosol.

H224 Extremely flammable liquid and vapor.
H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.

H228 Flammable solid.
H229 Pressurized container: may burst if heated.
H230 May react explosively even in the absence of air.
H231 May react explosively even in the absence of air at elevated pressure and/or temperature.
H232 May ignite spontaneously if exposed to air.
H240 Heating may cause an explosion.
H241 Heating may cause a fire or explosion.
H242 Heating may cause a fire.
H250 Catches fire spontaneously if exposed to air.
H251 Self-heating; may catch fire.
H252 Self-heating in large quantities; may catch fire.
H260 In contact with water releases flammable gases which may ignite spontaneously.
H261 In contact with water releases flammable gas.
H270 May cause or intensify fire; oxidizer.
H271 May cause fire or explosion; strong oxidizer.
H272 May intensify fire; oxidizer.
H280 Contains gas under pressure; may explode if heated.
H281 Contains refrigerated gas; may cause cryogenic burns or injury.
H290 May be corrosive to metals.

H300 Fatal if swallowed.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H330 Fatal if inhaled.
H331 Toxic if inhaled.
H332 Harmful if inhaled.

H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

H340 May cause genetic defects.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H351 Suspected of causing cancer.
H360 May damage fertility or the unborn child.
H361 Suspected of damaging fertility or the unborn child.
H362 May cause harm to breast-fed children.

H370 Causes damage to organs.
H371 May cause damage to organs.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.

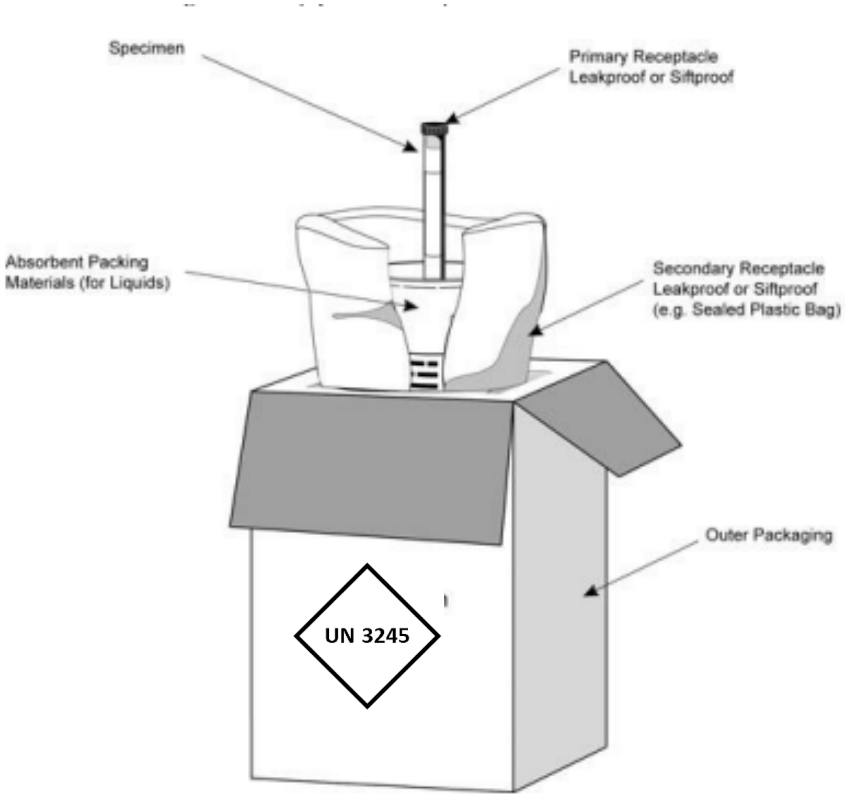
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.
H420 Harms public health and the environment by destroying ozone in the upper atmosphere

EUH-phrases:
EUH001: Explosive when dry
EUH006: Explosive with or without contact with air
EUH014: Reacts violently with water
EUH018: In use may form flammable/explosive vapour-air mixture
EUH019: May form explosive peroxides
EUH044: Risk of explosion if heated under confinement
EUH029: Contact with water liberates toxic gas
EUH031: Contact with acids liberates toxic gas
EUH032: Contact with acids liberates very toxic gas
EUH066: Repeated exposure may cause skin dryness or cracking
EUH070: Toxic by eye contact
EUH071: Corrosive to the respiratory tract
EUH059: Hazardous to the ozone layer
EUH201: Contains lead. Should not be used on surfaces liable to be chewed or sucked by children.
EUH201A: Warning! Contains lead.
EUH202: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
EUH203: Contains chromium(VI). May produce an allergic reaction.
EUH204: Contains isocyanates. May produce an allergic reaction.
EUH205: Contains epoxy constituents. May produce an allergic reaction.
EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).
EUH207: Warning! Contains cadmium. Dangerous fumes are formed during use. See information supplied by the manufacturer. Comply with the safety instructions.
EUH208: Contains <*name of sensitising substance*>. May produce an allergic reaction.
EUH209: Can become highly flammable in use.
EUH209A: Can become flammable in use.
EUH210: Safety data sheet available on request.
EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

UN 3245 Genetically Modified Micro-orgasnisms (GMO):

Hvis det emballeres, pakkes og mærke på nedenstående måde, er transport ikke omfattet Farligt Gods reglerne:

- ✓ No requirement to use an UN-approved package , but it must be of good quality and constructed and closed to prevent any loss of content under normal conditions of transport.
- ✓ **Outer** packakging must be **rigid** and at least one surface must have a **minimum dimension of 10 x 10 cm.**
- ✓ The packaging must consist of three components: A **Primary-**, a **Secondary-** and a rigid **Outer** packaging.
- ✓ The primary receptacles must be leak proof for liquids and siftproof for solids.
- ✓ Primary receptables must be packed in secondary packagings in such a way that, under normal conditions of transport, they cannot break, be punctured or leak their contents. If multilpe fraguile primary recptacles are placed in a single secondary they must bed individually wrapped or seprated to prevent contact betwwen them.
- ✓ For liquids, absorbent material must be used placed between the primary and the secondary.
- ✓ The outer packaging must be marked with a **diamond-shaped** square with the wording "**UN 3245**" and each side of the square having a lenght of at least 50 mm. Numbers and letters must be at least 6 mm high.
- ✓ The **name** and **address** of the **shipper** and of the **consignee** must be provide on the **package**.



UN 3373 Biological substances, Category B - samples:

Hvis det emballeres, pakkes og mærke på nedenstående måde, er transport ikke omfattet Farligt Gods reglerne:

- ✓ No requirement to use an UN-approved package , but it must be of good quality and capable of withstanding a **droptest** from a height of **1,2 meter**. **Outer** packakging must be **rigid** and at least one surface must have a **minimum dimension of 10 x 10 cm.**
- ✓ The packaging must consist of three components: A **Primary-**, a **Secondary-** and a rigid **Outer** packaging. The primary receptacles must be leak proof for liquids and siftproof for solids.
- ✓ Primary receptables must be packed in secondary packagings in such a way that, under normal conditions of transport, they cannot break, be punctured or leak their contents. If multilpe fraguile primary recptacles are placed in a single secondary they must bed individually wrapped or seprated to prevent contact between them.
- ✓ For liquids, absorbent material must be used placed between the primary and the secondary.
- ✓ **An itemized list of contents** must be enclosed between the secondary packaging and the outer packaging.
- ✓ The outer packaging must be marked with a **diamond-shaped** square with the wording "**UN 3373**" and each side of the square having a lenght of at least 50 mm. Numbers and letters must be at least 6 mm high. The proper shipping name "Biological substance, Category B" in letters at last 6 mm high must be marked on the outer packaging adjacent to the diamond-shape mark.
- ✓ The **name** and **address** of the **shipper** and of the **consignee** must be provide on the **package**.
- ✓