



CHEMICAL SUBSTANCE STORAGE INSTRUCTIONS

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1. PURPOSE

The purpose of this instruction is to determine a standard method for the list of dangerous substances used in Erciyes University Faculty of Veterinary Medicine, their use, control, storage and planning and training of what to do in case of spillage or contact while using.

2. RESPONSIBILITY

Biosafety commission, hospital chief physician and all faculty administrative and technical/cleaning personnel are responsible for the implementation of this instruction.

3. APPLICATION

- Chemical substances that are not defined with the DANGEROUS GOODS LABEL (safety) SYMBOL specified in Annex 1 should not be purchased.
- After purchasing, a label containing the appropriate safety symbol is affixed on the containers of the divided chemical substances by writing the name of the substance, the degree of purity, the date.
- Personal laboratory safety precautions should be taken during the division of chemicals that need to be divided and distributed.

Storage

- Material safety information sheets of all stored chemicals are printed one by one and kept in the folder where the chemicals are stored and in an easily accessible and visible way.
- There should be the relevant safety symbol on the cabinets and room doors where chemicals are stored.
- Measures should be taken to prevent unauthorized access to chemical warehouses. Ventilation and temperature control should be provided according to the characteristics of the stored material. Appropriate fire extinguishers should be available where flammable materials are stored.
- DANGEROUS GOODS STORAGE MATRIX given in Annex 2 is taken into account in chemical storage.



Prepared by	Approved by
Quality Management Unit	Dean of the Veterinary Faculty



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DANGEROUS FEATURE	SYMBOL	PRECAUTIONS
<p>EXPLOSIVE Substances and products in solid, liquid, pasty, gelatinous state that can react exothermically with sudden gas evolution in an oxygen-free environment, explode spontaneously when partially closed, explode under specified test conditions, and explode quickly.</p>		<p>Prohibit smoking, matches, lighters and the possession of sparking objects.</p> <ul style="list-style-type: none"> • Protect from sunlight, heat sources and physical shocks. • Make periodic measurements in the workplace ambient air. • Provide ventilation.
<p>FLAMMABLE</p> <p>Extremely Flammable (F +): Substances and products in liquid form with a very low flash point (less than 0 °C) and low boiling point (less than 35 °C), and gas that can burn in contact with air at room temperature and pressure. substances and products.</p> <p>Easily Flammable (F): A solid, low flash point (less than 21 °C) liquid, which can spontaneously ignite in short-term contact with the fire source and continues to burn after the fire source is removed, in dangerous quantities in contact with water and humid air, Substances and products that emit highly flammable gases.</p> <p>Flammable (F): With a low flash point (21 °C – 51 °C) liquid substance and product</p>		<p>Prohibit smoking, matches, lighters and the possession of sparking objects.</p> <ul style="list-style-type: none"> • Store in well-ventilated and cool areas. • Install a drainage system in the warehouses against spills and leaks. • Surround storage areas with a firewall. • Do not keep reactive chemicals in the storage area. • Make the safety grounding of the tanks. • Provide safety grounding between the vehicle and the tank during storage. • Take all precautions to prevent static electricity. • Ensure that the shoes, gloves and clothes used by the employees are antistatic. • Have a sufficient number of suitable fire extinguishers available. • Theoretical and practical fire safety of employees and fire fighting <p>Make sure she goes through her training.</p>

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OXIDIZERS

Substances and products that cause a significant exothermic reaction in contact with other substances, especially with combustible materials.



Handle material very carefully.

- Store in designated locations.
 - Perform work in well-ventilated areas.
 - Dust, fog, smoke and vapors formed as a result of working should be taken out of the working environment by absorbing from the source.
 - Have periodic measurements in the workplace ambient air.
 - Prohibit eating/drinking in work areas.
 - Use respirator, eye-face and body protection during work.
 - Make periodic health checks and laboratory analyzes of the employees.
- Provide hand, face and body cleaning.

HARMFUL

Substances and products which, when inhaled, ingested or absorbed through the skin, cause death or acute or chronic damage to human health.

Store in designated locations. •



- Perform work in well-ventilated areas.
- Dust, fog, smoke and vapors formed as a result of working should be taken out of the working environment by absorbing from the source.
 - Make periodic measurements in the workplace ambient air.
 - Prohibit eating/drinking in work areas.
 - Use respirator, eye-face and body protection while working.
 - Periodic health checks of employees and laboratory analysis.
 - Provide hand, face and body cleaning






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<p>Irritant Substances and products not classified as corrosive which, on immediate, prolonged or repeated contact with the mucosa or skin, may cause local erythema, eschar or edema.</p>		<p>Use respirator, eye-face and body protection during work. • Avoid contact with eyes, hands, face and respiratory tract. • Perform work in well-ventilated areas. • Follow the rules set in storage. • Ensure that the eye and emergency shower system is in the work area.</p>
<p>ALLERGIC Substances and products which, when inhaled, penetrate the skin, cause excessive sensitization and subsequent exposure to characteristic adverse effects. • Allergic by inhalation • Allergic by skin contact</p>		<p>The same precautions are taken with toxic substances and pests.</p>
<p>CARCINOGENS Substances and products that, when inhaled or taken orally, penetrate the skin, cause or accelerate the formation of cancer.</p>		<p>The same precautions are taken with toxic substances and pests.</p>
<p>MUTAGEN Substances and products that, when inhaled or taken orally, penetrate the skin, may cause hereditary genetic damage or accelerate the occurrence of this effect.</p>		<p>The same precautions are taken with toxic substances and pests.</p>
<p>TOXIC FOR REPRODUCTION Substances and products that, when inhaled or taken orally, penetrate the skin, reduce the reproductive functions and capacities of males and females and/or cause non-hereditary adverse effects that may affect the unborn child or accelerate the occurrence of adverse effects.</p>		<p>The same precautions are taken with toxic substances and pests.</p>

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CORROSIVE

Substances and products that cause tissue destruction in contact with living tissue.



Use respirator, eye-face and body protection during work. • Avoid contact with eyes, hands, face and respiratory tract. • Make sure that the doors are closed, follow the storage rules. • Ensure that the eye and emergency shower system is in the work area.

DANGEROUS FOR THE ENVIRONMENT •

Dangerous for the surrounding aquatic environment • Dangerous for the surrounding environment other than the aquatic environment



Dispose in accordance with hazardous waste regulations. • Ensure that it does not mix with water sources and waste water channels. • Warn the authorities in case of interference. • Store properly to avoid environmental pollution.

HAZARDOUS MATERIAL STORAGE MATRIX

	+	-	-	-	+	+
	-	+	-	-	-	-
	-	-	+	-	-	+
	-	-	-	+	-	-
	-	-	-	-	+	O
	+	-	+	-	O	+

+ Bir arada depolanabilir.

- Bir arada depolanamaz.

O Güvenlik Önlemi alınmak kaydıyla bir arada depolanabilir.

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