



Ref. No. JU/09/01104/21

Vodňany, 15th February 2021

Dean's Measure No. 13/2021
Handling of chemical substances in accordance with the law No. 205 /
2020 Col., on the Protection of Public Health and the EC Regulation
No. 1272/2008 on Classification and Labelling of Substances and
Mixtures

1. The requirements for the handling of hazardous chemical substances or chemical mixtures, which have assigned the hazard class acute toxicity category 1 or 2, are provided by Dipl.-Ing. Klára Zálhová, who meets the requirements according to § 44 a), b) of the Act No. 205/2020 Coll. for a person professionally qualified to handle these substances.
2. For substances with the above hazard classes, there is a legal obligation to keep records. Therefore, it is the duty of every employee who has ordered such a chemical substance to immediately inform Dipl.-Ing. Zálhová (kzalohova@frov.jcu.cz), who decides on its storage and introduces the registration card for this substance. The notification must include the name of the substance, the hazard class and category and its weight.
3. Chemicals with the above mentioned properties must be stored according to their nature in a lockable cabinet, refrigerator or freezer and may be handled only by professionally qualified persons or people demonstrably trained in accordance with § 44 a), b) of the Act No. 205/2020 Coll.

(Note: In case of intoxication when working with cyanides, there is an antidote CYANOKIT, located on the 2nd floor in the hallway to the right of the elevator, on the wall next to the door to the room 204. The antidote is intended for intravenous administration, so a doctor must always be called).

4. In all laboratories where the substances with dangerous properties are handled, the Rules for the Handling of Dangerous Chemicals must be available in a visible and easily accessible place. These Rules include a table with hazard pictograms, P-phrases (instructions for safe handling), H-phrases (standard hazard statements), first aid instructions and the current safety data sheet for those chemicals handled in the laboratory. The heads of laboratories are responsible, checked by Dipl.-Ing. Zálhová once a year.



5. All employees who handle chemical substances and mixtures that have assigned any hazard class and category are required to familiarize themselves with the safety data sheet of the substance before working with it and then to confirm this by signature on the back of this sheet. The signed safety data sheet will be put in the folder "Rules for the Handling of Chemical Substances" and maintained in this folder for the entire time when the substance will be handled at the workplace. The heads of laboratories are responsible.
6. As of 1st February 2021, a new Regulation of the European Parliament and the Council (EU) 2019/1148 entered into force. The Regulation is about the placing of precursors explosives on the market and their use and it tightens the conditions for their acquisition. Pursuant to this Regulation, organizations may purchase explosives precursors, as listed in the attachment No. 1 and No. 2 of this Measure, only after completing a form on the intended use of the substance or mixture in which they are present. This form is valid for 1 year and is sent by the supplier before the supplier processes the order. The entitled person authorized to sign the form is Dipl.-Ing. Klára Zálhová (kzalohova@frov.jcu.cz). The Regulation also implies a notification obligation in case of loss, theft or disappearance of substances or their mixtures within 24 hours of finding out such a fact. In this case, contact Dipl.-Ing. Zálhová.
7. Training of people for work with chemical substances exhibiting dangerous properties takes place in the form of e-learning. New employees, whose job description will include the handling of chemicals, will undergo training and an online test no later than on the day of the start of work. After that, the training will take place once every two years and will end with an online knowledge test. After successful completion of the training, the application generates a certificate, which serves as proof of its completion. Signed certificates are archived by a Personnel officer. Dipl.-Ing. Zálhová is responsible for updating the teaching presentation and the test.

This Measure cancels the Dean's Decision No. 26/2014.

Prof. Dipl.-Ing. Pavel Kozák, Ph.D.
Dean of FFPW USB

Attachments:

1. Explosives precursors subject to restrictions
2. Explosives precursors subject to reporting



ATTACHMENT No. I: EXPLOSIVES PRECURSORS SUBJECT TO RESTRICTIONS

Substances which are not made available to the general public may not be imported, held or used by these people, on its own, or in mixtures or substances containing them, except where the concentration is equal or less than the limit values set out in column 2. Suspicious transactions and significant disappearances and thefts must be reported within 24 hours:

1.Substance name and registration number Chemical Abstract Service (No. CAS)	2.Limit value	3.Upper limit value for the purposes of the authorization referred to in the Article 5, par. 3	4.Combined Nomenclature (CN) code for a single chemically defined compound which meets the requirements of the note 1 to the Chapter 28 or 29 of the CN (1)	5.Combined Nomenclature (CN) code for mixtures without components (e.g. mercury, precious or rare earth metals or radioactive substances) that would require classification under another CN code (1)
Nitric acid (No. CAS 7697-37-2)	3 % by weight	10 % by weight	ex 2808 00 00	ex 3824 99 96
Hydrogen peroxide (No. CAS 7722-84-1)	12 % by weight	35 % by weight	2847 00 00	ex 3824 99 96
Sulfuric acid (No. CAS 7664-93-9)	15 % by weight	40 % by weight	ex 2807 00 00	ex 3824 99 96
Nitromethane (č. CAS 75-52-5)	16 % by weight	100 % by weight	ex 2904 20 00	ex 3824 99 92
Ammonium nitrate (No. CAS 6484-52-2)	16 % by weight of nitrogen derived from ammonium nitrate (4)	Permission cannot be issued	3102 30 10 (in aqueous solution) 3102 30 90 (other)	ex 3824 99 96
Potassium chlorate (No. CAS 3811-04-9)	40 % by weight	Permission cannot be issued	ex 2829 19 00	ex 3824 99 96
Potassium	40 % by weight	Permission	ex 2829 90 10	ex 3824 99 96



perchlorate (No. weight CAS 7778-74-7)	cannot be issued		
Sodium chlorate 40 % by (No. CAS 7775- weight 09-9)	Permission cannot be issued	2829 11 00	ex 3824 99 96
Sodium 40 % by perchlorate (No. weight CAS 7601-89-0)	Permission cannot be issued	ex 2829 90 10	ex 3824 99 96



ATTACHMENT NO. II: EXPLOSIVES PRECURSORS SUBJECT TO REPORTING

Substances on their own or in mixtures or substances containing them and which suspicious transactions and significant disappearances and thefts must be reported within 24 hours.

1.Substance name and registration number Chemical Abstract Service (No. CAS)	2.Combined Nomenclature (CN) code (1)	3.Combined Nomenclature (CN) code for mixtures without components (e.g. mercury, precious or rare earth metals or radioactive substances) that would require classification under another CN code (1)
Hexamine (No. CAS 100-97-0)	ex 2933 69 40	ex 3824 99 93
Acetone (No. CAS 67-64-1)	2914 11 00	ex 3824 99 92
Potassium nitrate (No. CAS 7757-79-1)	2834 21 00	ex 3824 99 96
Sodium nitrate (No. CAS 7631-4) 99-3102 50 00		ex 3824 99 96
Calcium nitrate (No. CAS 10124-37-5)	ex 2834 29 80	ex 3824 99 96
Ammonium calcium nitrate (No. CAS 15245-12-2)	ex 3102 60 00	ex 3824 99 96
Magnesium, powder (No. CAS 7439-95-4) (2) (3)	ex 8104 30 00	
Magnesium nitrate hexahydrate (No. CAS 13446-18-9)	ex 2834 29 80	ex 3824 99 96
Aluminum, powder (No. CAS 7429-90-5) (2) (3)	7603 10 00 ex 7603 20 00	