

Hazard Communication Plan

Name of the Facility	UAMS Dental Hygiene Clinic
Address	5800 West 10 th Street, Suite 501 Little Rock, Arkansas 72205

Note: This Hazard Communication Plan is based on the requirements of the OSHA Hazard Communications Standard, 29 CFR 1910.1200.



To ensure that information about the dangers of all hazardous chemicals used by UAMS Dental Hygiene Clinic is known by all affected employee/students, the following hazardous information plan has been established. Under this plan, employees/students will be informed of the contents of the OSHA Hazard Communications standard including the new Globally Harmonized System of Classification and Labelling of Chemicals (GHS), the hazardous properties of chemicals with which you work, safe handling procedures and measures to take to protect yourself from these chemicals.

This plan applies to all work operations in our clinic where you may be exposed to hazardous chemicals under normal working conditions or during an emergency situation. All employees will participate in the Hazard Communication Plan. A copy of the Hazard Communication Plan is available in the work room for review by any interested employee.

The clinic coordinator and the dental assistant are responsible for the plan, including reviewing and updating this plan as necessary.

CONTAINER LABELING

The dental assistant and/or the clinic coordinator will verify that all containers received for use will be clearly labeled as to the contents, with the appropriate hazard warning, and list the manufacturer's name and address.

The dental assistant will ensure that all secondary containers are labeled with either an extra copy of the original manufacturer's label or with labels marked with the identity and the appropriate hazard warning.

On the following individual stationary process containers, an OSHA compliance label is placed on the containers. The dental assistant will review the labeling procedures every six months and will update labels as required.

GHS SAFETY DATA SHEETS (SDS)

The dental assistant is responsible for establishing and monitoring the Clinic's SDS program. The dental assistant will ensure that procedures are developed to obtain the necessary SDSs and will review incoming SDSs for new or significant health and safety information. The dental assistant will see that any new information is communicated to affected employees and students. When an SDS is not received at the time of initial shipment, the dental assistant contacts the company for the specific SDS.

Copies of SDSs for all hazardous chemicals to which employees are exposed or are potentially exposed will be kept in the work room. SDSs will be readily available to employees in each work area in a binder labeled “Safety Data Sheets”. We utilized the GHS system of labeling and SDSs which include pictograms.



Explosive



Flammable



Oxidizing



Compressed Gas



Harmful/Irritant



Dangerous for the Environment



Health Hazard



Corrosive



Toxic

EMPLOYEE/STUDENT TRAINING

Everyone who works with or is potentially exposed to hazardous chemicals will receive initial training on the hazard communication standard and this plan before starting work. Each new employee will attend a health and safety orientation that includes the following information and training:

- An overview of the OSHA hazard communication standard
- GHS Labeling and Safety Data Sheets
- The hazardous chemicals present in the Clinic.
- The physical and health risks of the hazardous chemicals
- Symptoms of overexposure
- How to determine the presence or release of hazardous chemicals in the work area
- How to reduce or prevent exposure to hazardous chemicals through use of control procedures, work practices and personal protective equipment
- Steps the company has taken to reduce or prevent exposure to hazardous chemicals
- Procedures to follow if employees are overexposed to hazardous chemicals
- How to read labels and SDSs to obtain hazard information
- Location of the SDS file and written Hazard Communication plan

Prior to introducing a new chemical hazard into any area of the clinic, each employee/student in that section will be given information and training as outlined above for the new chemical hazard. The training format will be a recorded video.

LIST OF HAZARDOUS CHEMICALS

A list of all known hazardous chemicals used by our employees is attached to this plan. This list includes the name of the chemical, the manufacturer, the work area in which the chemical is used, dates of use, and quantity used. Further information on each chemical may be obtained from the SDSs, located in work room. When new chemicals are received, this list is updated (including date the chemicals were introduced) within 30 days. To ensure any new chemical is added in a timely manner, the following procedures shall be followed: the dental assistant places the SDS sheet in the SDSs binder as soon as new chemical arrives and informs the employees and students. The hazardous chemical inventory is compiled and maintained by the dental assistant.

HAZARDOUS CHEMICAL INVENTORY LIST

We have classified the chemicals based on hazards to determine the selection and use of PPE (Check SDS):

Hazardous Chemical name/ Manufacturer	Physical Hazard	Health hazard	Tasks/Procedures	Type of PPE	Area Used	Date Received
Example: Formaldehyde	Combustible	Skin irritation, eye damage, genetic defects, cancer	Preservation of specimens	Gloves, Respirators, Lab Coats, Masks		
ICX by A-dec	N/A	Eye Irritation Category 2B, Specific Target Organ Toxicity, Repeated Exposure Category 2 (H373)	Use to maintain dental unit waterlines and prevent accumulation of odor and foul taste bacteria	Respiratory protection, skin protection, eye/face protection, apron		
Purell Advanced Instant Hand Sanitizer Foam by GOJO industries, Inc.	Flammable liquids Category 3	Eye irritation Category 2A	Hand sanitizer	N/A		
Provon Antibacterial Foam Hand wash	Flammable liquids Category 3	Serious eye damage Category 1	Antibacterial Soap			

Etch-Rite 38% Phosphoric Acid Etching Gel	Corrosive	Skin corrosion, eye irritation	For etching dentin, enamel and glass ionomer cement.	Protective gloves, clothing and eye/face protection		
WD-40	Flammable liquid, aspiration toxicity	Specific target organ toxicity,	Universal lubricant	Respiratory equipment, hand protection, eye protection		
Lysol Kills 99.9% of Bacteria Laundry Sanitizer 0% Bleach Crisp Linen scent by Reckitt Benckiser LLC.	N/A	Causes serious eye damage, may cause an allergic skin reaction	Fabric Treatment	Hygiene measures, eye/face protection, skin protection, hand protection, body protection		
Tide Pods-Free and Gentle by Procter and Gamble	N/A	Causes serious eye irritation, harmful if swallowed, causes skin irritation	Laundry Care	Eye protection, hand protection, skin and body protection, respiratory protection		
Clorox Germicidal Bleach by The Clorox Company	N/A	Causes severe skin burns and eye damage	Institutional hard surface disinfecting and sanitizing bleach	Eye/face protection, skin and body protection, respiratory protection, hygiene measures		

Isopropyl Rubbing Alcohol USP 70% by Henry Schein Dental	Flammable liquid and vapor	Causes serious eye irritation, may cause drowsiness or dizziness	First aid to help prevent the risk of infection in: minor cuts, scrapes, burns. For external use only.	Respiratory protection, Eye protection, skin protection		
Hydrogen Peroxide 3% USP by Henry Schein Inc.	N/A	Causes severe skin burns and eye damage	First aid to help prevent risk of infection; Aids in the removal of phlegm, mucous or other oral secretions	Respiratory protection, eye protection, skin protection		
Clear Dip by Sunstar	N/A	Causes serious eye irritation	Transparent, blue liquid for defogging of dental instruments during routine dental procedures	Hand protection, eye protection, respiratory protection		
Enamel Pro Varnish by Premier Dental Products Company	Highly Flammable	Skin irritant Cat 2, Skin Sensitization Cat 1, eye irritant cat 2	For the treatment of dentinal hypersensitivity, and for the reduction of post-operative sensitivity. It can be used as a cavity liner	Respiratory protection, hand protection, eye protection, skin protection		
Articaine Hydrochloride 4% and Epinephrine 1:100,000 Injection by Septodont		May cause drowsiness or dizziness, may cause skin and or eye irritation, causes central nervous system effects such as	Local anesthetic solution of use in peripheral nerve blocks	N/A		

		drowsiness, confusion, excitability and nervousness. Acts as a depressant on the cardiovascular system.				
Benzo-Jel 20% Benzocaine Gel by Henry Schein, Inc.	N/A	Causes serious eye irritation, causes skin irritation	Dental products	Wear protective gloves, wear eye or face protection, wash hands thoroughly after handling		
VistaClean Irrigant Solution Concentrate by Hu-Friedy	N/A	Skin corrosion/irritation, skin sensitization	An aqueous cleaner derived from citrus botanicals which can emulsify contaminants, soils, and oxidation products in waterlines protecting the lines and system components from deposits and scale	Wear protective gloves		

PLAN AVAILABILITY

A copy of this plan will be made available, upon request, to employees and their representatives.