







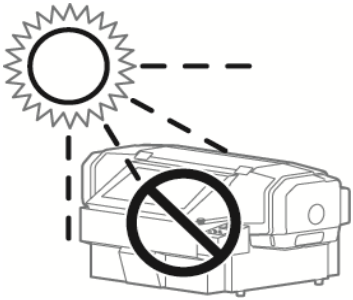


Your Mutoh LED UV printer is engineered to maximize operator safety. In order to conveniently handle the printer and its supplies, however, certain safety precautions need to be taken into account in order to avoid bodily harm or injury. Make sure to post this document in the work area.

General ✓ Check	
<ul style="list-style-type: none"> • Skin or eye contact with UV inks, varnish, cleaning or waste liquid may cause skin inflammation or allergic reaction. Please read this document carefully and make sure to handle the liquids carefully. • Keep ink and waste away from fire and high temperatures. 	
Handling & storage of UV consumables: inks, varnish and waste liquid ✓ Check	
The safety concerns involved with using and handling of the UV inks, varnish and waste liquid are detailed in the Safety Data Sheets (SDS). Please carefully read these sheets before handling all liquids above-mentioned.	
	<ul style="list-style-type: none"> • For all activities whereby the operator may come in direct contact with UV inks, varnish, cleaning or waste liquid, the operator should wear gloves. (see also picture below). • If the gloves become contaminated, please replace them. • After finishing your activities with the UV fluids, always make sure to wash your hands with water and soap.
	<ul style="list-style-type: none"> • 2 types of protective gloves are shipped together with the printer. Please wear the white gloves on top of the pink gloves. • If these gloves are not available, butyl rubber gloves are recommended.
	<ul style="list-style-type: none"> • When handling UV inks, varnish, cleaning or waste liquid, a protective apron is recommended to protect your clothing. In any case, if your clothing becomes contaminated, take them off immediately and wash them before re-using.
	<ul style="list-style-type: none"> • When handling UV inks, varnish, cleaning or waste liquid, please wear safety glasses with side shields
Warning!	<ul style="list-style-type: none"> • In case of contact with skin or if swallowed, follow the first aid measures as specified in the safety data sheets.
<ul style="list-style-type: none"> • Ink particles inside cartridges may settle or coagulate, leading to poor print quality or printer malfunction. Always shake ink before use. • For proper shaking, please refer to the corresponding procedure as explained in: "Notes for using dedicated ink" • Store UV inks, varnish, cleaning and waste liquid in a cool, dark place - avoid direct sunlight. Improper storage may trigger curing causing printer problems. • When removing ink from the printer to store: <ul style="list-style-type: none"> ○ Put ink cartridges back inside their foil bag. ○ Put ink packs back inside their packing box. 	

<h2>During Printing ✓ Check</h2> <ul style="list-style-type: none"> Avoid inhalation of uncured ink mist or vapours. A very fine mist of tiny ink droplets is being sprayed while printing. Therefore, do never attempt printing with covers open. Keep the work area well-ventilated. MUTOH UV curable ink has no VOC-content (VOC: 0%). This ink does not generate any toxic gas. We still recommend, however, that you ensure sufficient ventilation in the working environment. 			
<h2>Handling of printed media ✓ Check</h2> <ul style="list-style-type: none"> Be sure the UV ink/varnish is properly cured onto the media prior to handling. UV curable fluids are cured by UV radiation. The curing time and the adhesion depend on the surface properties of the media. Porous substrates (textile, paper ...) require a certain amount of time for proper ink curing, because of their liquid absorbing characteristics. Always make sure the UV ink is properly cured and adhered onto printed media before handling them with your bare hands. In case of doubt, always use protective gloves and avoid direct contact with your body or clothing. After handling printed media, always make sure to wash your hands with water and soap. 			
<h2>Printer Maintenance ✓ Check</h2>			
			<ul style="list-style-type: none"> During maintenance operations (cleaning of print head, cap and wiper), always wear protective gear with adequate chemical resistance to avoid bodily and clothing contact with ink remainders: butyl rubber gloves, goggles and apron.
<h2>Handling waste liquid ✓ Check</h2>			
	<ul style="list-style-type: none"> Keep away waste liquid from fire and high temperatures. Do not mix waste ink with any other chemical substances, not even in small amounts. When mixed with other chemicals (e.g. oxidants), heating may occur. 		
<h2>UV Light</h2>			
<h2>General Safety ✓ Check</h2> <ul style="list-style-type: none"> The Mutoh LED UV inkjet printer emits ultraviolet (UV) light classified as UV-A. The bluish white UV light emitted from the embedded curing lamp is contained to a safe level. During curing with the Mutoh LED UV lamp, no ozone is generated. Be aware however, of the following points when handling the printer: <ol style="list-style-type: none"> Do not stare directly through the gap under the cover or at the UV light at close range for long periods of time. Even staring at UV-A light may cause eye damage. Do not expose your skin to UV light at close range for long periods of time. Exposure of your skin to UV light may cause inflammation. 			
<h2>Important notes for installation and handling ✓ Check</h2>			
	<ul style="list-style-type: none"> Next to the UV lamp in the printer, there may be other sources of UV light present in the working environment: sunlight or any form of artificial light. To avoid printer damage (ink clogging, operational faults to the maintenance station, print head damage ...) caused by unintentional curing by UV light sources present in the working area, please respect following guidelines: <ol style="list-style-type: none"> Do not install the printer in a location that is subject to direct sunlight. Always immediately close the front and maintenance covers during standby and/or after media loading. Do not remove any covers. Do not modify the printer. Disassembling and/or modifying the printer will void the warranty. 		