



21-01

TECHNICAL BULLETIN

PRODUCT CLEANING & USE OF DISINFECTANTS



spellmanhv.com

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Cleaning and Disinfecting of Spellman Electronics Devices

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In light of the ongoing worldwide COVID-19 pandemic, many of our customers are now spraying or wiping down their Spellman Electronics devices with alcohol or other disinfectants. We offer the following guidance and warnings regarding cleaning and disinfecting of high voltage power supplies:

Cleaning Agents

Spellman High Voltage Power Supplies must not be exposed to chemicals that are incompatible with the materials making up or contained in Spellman High Voltage products. Many of the materials we utilize in the manufacture of our high voltage power supplies are incompatible to such cleaners and can result in damage to buttons, overlays, labels, and corrosion of metals. The chemicals that are potentially used to disinfect and kill virus on surfaces may be harmful for use on Spellman High Voltage products.

Cleaning Process

- Personal Protective Equipment (PPE) must always be used when handling chemicals or when there is potential to be exposed to equipment contaminated with bodily fluids. Follow your Safety Officer's instructions for proper PPE use for each of these situations.
- Spellman High Voltage recommends using Environcide Decontaminant Spray or an equivalent to clean power supplies. An equivalent decontamination spray should be formulated with the following composition of ingredients:

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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COMPONENT	CAS NO.	AMOUNT	GHS CLASSIFICATION
ISOPROPANOL	67-63-0	17.2%	FLAM LIQUID 2 (H226) EYE IRRIT. 2 (H319) STOT SE 3 (H336)
ETHYLENE GLYCOL MONOBUTYL ETHER (2-BUTOXYETHANOL)	111-76-2	1-5%	ACUTE TOX 4 (H302), ACUTE TOX 3 (H311), ACUTE TOX. 3 (H331), SKIN IRRIT. 2 (H315), EYE IRRIT. 2 (H319)
DIISOBUTYLPHENOXY- ETHOXYETHYLDIM ETHYLBENZYLAMMONIUM CHLORIDE	121-54-0	0.28%	ACUTE TOX 3 (H301) SKIN CORR 1A (H314) EYE DAM 1 (H318) STOT SE 3 (H335) AQUATIC CHRONIC 2 (H411)
WATER	7732-18-5	70-80%	NOT CLASSIFIED AS HAZARDOUS

If Environcide or an equivalent is not available, isopropanol at an 90% concentration or higher can be substituted. Spray Environcide (or equivalent) decontaminate on a lint-free cloth and wipe all outer surfaces of the power supply. Wipe off any residue with a dry lint-free cloth.

General Comments

The use of any other decontaminating spray that damages or corrodes the Spellman High Voltage Power Supply will void the warranty. Evidence of improper cleaning will be assessed when a unit is returned to Spellman for repair and repair and evaluation charges may be assessed if Spellman deems the power supply was damaged due to improper cleaning procedures.

We hope this information is helpful and fully addresses your quality-related inquiry. Please contact me if you have any further questions.

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