

## DIRECTIONS FOR PREPARATION AND USE OF NOCHROMIX® SOLUTION

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### PRODUCT IDENTIFICATION

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**Product Name:** NOCHROMIX® - Crystals

**Manufacturer:** Godax Laboratories, Inc.

**Address:** P.O. Box 422  
Cabin John, MD 20818

**Telephone:** 240-505-4178

**Emergency:** 240-505-4178

**Email:** godaxsales@gmail.com

**Website:** www.godax.com

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### DIRECTIONS

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Mix NOCHROMIX® crystals with water to a 100 gram solution. Add sulfuric acid to the mixture. Depending on the desired cleaning strength, you may use one or two packages of NOCHROMIX® crystals for every 2.5 liters (approximately 1 gallon) of USP grade concentrated (98%) sulfuric acid. If using less sulfuric acid, decrease amount of NOCHROMIX® crystals proportionately. Stir gently; crystals will dissolve in 10 to 15 minutes. Any unused portion of NOCHROMIX® crystals must be resealed hermetically and stored in the original pouch for it to remain usable.

For best results, use a fresh preparation of NOCHROMIX® solution. The solution is most effective in the first 7 days after mixing. If or when NOCHROMIX® solution becomes stale or discolored, it can be regenerated by adding additional NOCHROMIX® crystals. If the solution has been regenerated several times, or the initial volume has increased substantially due to absorption of moisture, the solution should be disposed of and a completely fresh solution mixed.

NOCHROMIX® solution should be used and stored in glass or HDPE (high density polyethylene) containers. Attach warning label to storage container. **CONTAINERS SHOULD NEVER BE STORED AIRTIGHT; ALWAYS LEAVE CONTAINER VENTED** - sulfur oxide and oxygen are byproduct gases that may be released and will cause a dangerous buildup of pressure in an airtight container.

Dispose of NOCHROMIX® solution according to state, local, and federal environmental laws.

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### HANDLING AND STORAGE

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**Handling:** Avoid prolonged or repeated contact with skin. Use eye and skin protection. Use only clean plastic or stainless steel scoops and containers to dispense, convey, or transport product.

**Ventilation:** Use adequate ventilation. Wear respiratory protection if ventilation is inadequate. Provide mechanical general and/or local exhaust ventilation to prevent release of dust into work environment. Spills should be collected into suitable containers to prevent dispersion into the air.

**Storage:** Store unopened pouch in a cool, clean, and dry place away from point sources of heat. In case of fire or decomposition (fuming/smoking), deluge with plenty of water to control decomposition. Avoid contamination of opened product. For more information on storage, refer to NFPA Bulletin 430 on storage of oxidizing materials - NFPA Hazard Class 1 Oxidizer.

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### DISPOSAL

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NOCHROMIX® solution may be neutralized with ammonium carbonate, yielding a mixture of sodium sulfate, carbon dioxide and water, or with calcium carbonate, yielding a mixture of calcium sulfate, carbon dioxide and water. **Perform neutralization procedure carefully, as solution may become hot.** We recommend giving the neutralized mixture to a hazardous waste handler for disposal. Always dispose of according to local, state, and federal environmental laws.

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### IMPORTANT WARNINGS

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- **Do not store prepared solution in an airtight container.**
- **Never use nitric acid in place of sulfuric acid.**
- **Do not mix silver salt and NOCHROMIX® solution.** Glassware containing silver salts should be rinsed with water before immersing in NOCHROMIX® solution.

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