
	<b>GILES CHEMICAL ~ PREMIER MAGNESIA</b>		
	<b>Company Procedure</b>		
	Title: <b>Manufacturing Chemical Control</b>	Number: <b>M13-PR-100-038</b>	
	Owner: <b>Hunter Douglas</b>	Revision: <b>02</b>	
	Effective Date: <b>6/17/2016</b>	Page: <b>1 of 4</b>	

## 1.0 Purpose

The purpose of this procedure is to outline a chemical control system to dictate the proper purchasing, storage, and use of food grade and non-food grade chemicals at the manufacturing facility. This procedure will help minimize the potential for contamination and ensure compliance with 21 CFR 211.56.

## 2.0 Scope

This procedure applies to all chemicals used for cleaning, sanitation, repairs, maintenance, and salt additives that could be found on the production floor of the manufacturing facility. This procedure should be followed at all times. If any changes are made to the chemicals available, the Quality Department and Maintenance must be notified for approval prior to use.

## 3.0 Responsibility

Purchasing Manager:

- Source and purchasing/ordering of chemicals

Quality/Safety Unit:

- Approve chemicals before use on the production floor.
- Maintain SDS
- Ensures proper storage and handling of chemicals
- Train staff on appropriate use of chemicals

Maintenance:

- Calibrates equipment
- Regulates the storage and use of chemicals used for lubricating, repairing, and performing preventative maintenance on equipment.

Area Supervisors:

- Ensures that employees are using chemicals as directed and in a safe manner.

## 4.0 Safety Considerations

Proper PPE should be worn at all times. This includes but is not limited to safety glasses, steel toed shoes, gloves, and containment facility clothing.



Safety is a condition of employment. Employees are not authorized to work in an unsafe manner and are prohibited from harming the environment of the facility or community.

## 5.0 Materials/Equipment

N/A

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## 6.0 Procedure

The approved chemicals listed below are separated into three categories; food grade, non-food grade, and cleaning. Each of these categories should have their own separate storage areas to prevent any possible contamination or accidental 'mix-ups'. All chemicals (including their dilutions) should be properly identified with their full names, concentrations, storage requirements and uses (where applicable).

### Food Grade-



Name	Manufacturer	Use
#269 Synthetic Food Grade H-1 SAE 20/ISO 46	Schaeffer's	Hydraulic Oil
#271 Synthetic Food Grade Grease	Schaeffer's	Grease Agent
#280 Food Grade SAE 40/ISO 150	Schaeffer's	Hydraulic Oil
276 H-1 Food Grade (ISO-220)	Schaeffer's	Gear Oil

### Cleaning-

Clorox Clean-Up	Clorox	Bathroom Cleaning Agent
Dawn Dish Soap	Dawn	Contact Cleaning Agent
Distilled Vinegar	Various	Cleaning Agent
Glass Cleaner w/ Ammonia	Various	Non-contact glass cleaner
Hand Sanitizer	Purell	Hand Sanitizer
Isopropyl Alcohol	Various	Video-Jet Cleaner
Lysol Clean & Fresh	Lysol	Mopping detergent for bathrooms
PB Blaster	Blaster Corp	Non-Contact Nut & Bolt Breaker
Anti-Bacterial Handwash	Various	Hand Washing Detergent, Floor Cleaning Additive

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Non-food Grade-

B-45 Boiler Treatment	PWT	Boiler Treatment
B-97 Boiler Treatment	PWT	Boiler Treatment
B-107 Boiler Treatment	PWT	Boiler Treatment
B-114 Boiler Treatment	B-114 Boiler Treatment	B-114 Boiler Treatment
B-210 Boiler Treatment	B-210 Boiler Treatment	B-210 Boiler Treatment
Black Video Jet Ink #6381	Southern Marking Systems	50-lb Bag Stencil Ink
Citrol	Schaeffer's	Grease cutting agent
Electrical Cleaner	Schaeffer's	Cleaning of electrical components
Flat-Black Spray Paint	Project Source	Stenciling of Super Sacks
Great Stuff	DOW	Non-Contact Facility Maintenance
Lens Cleaner	Various	Safety Glass Cleaning Solution
Liquid Cement	Various	Facility Maintenance (Plumbing)
Moly Dri-Plate	Schaeffer's	High Temp Non-Contact Lubricant
Paint & Enamel	Various	Facility Maintenance
PB Blaster	Blaster Corp	Non-Contact Nut & Bolt Breaker
Pest Spray	Various	External Pest Control
SAE 460 Synthetic Grease	Mobile	Non-Contact Bearing Grease
Spray Adhesive	Various	Non-Contact Facility Maintenance
WD-40	WD-40	Non-Contact Lubricant

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## 7.0 Reference Documents

N/A

## 8.0 Change Information

*Converted to new Doc System format*

*Edited Procedure, Purpose, Scope, and Responsibilities to encompass current requirements*

*Changed Title and Author*

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