



KMI
CLEANING SOLUTIONS

Swish

**Conforms to USDA/FSIS Sanitation Performance
Standards Compliance §416.4(a), A-1 and A-8 Guidelines.**



Specializing in FDA Regulatory Matters

August 11, 2019

Zach Lafler
KMI Cleaning Solutions, Inc.
157 Beadle Lake Road
Battle Creek, MI 49014

Dear Mr. Lafler:

This is in response to your request for a regulatory opinion on the ingredients in your proprietary cleaning products, identified as “Swish” & “X-20”. Based on our understanding of the intended use of your product we conclude that all the ingredients are regulated and can be used in your cleaning product.

The use of the ingredients in your product are predicated on being used consistent with current Good Manufacturing Practices which may require following with a potable water rinse, if applicable.

We trust that this information is satisfactory and helpful to your goals. Please let us know if you have questions.

Thank you for the opportunity to be of service to your company.

Sincerely,

A handwritten signature in black ink that reads 'Edward A. Steele' with a long, sweeping horizontal line extending to the right.

Edward A. Steele
Chairman & CEO

EAS Consulting Group, LLC
1700 Diagonal Road, Suite 750, Alexandria, Virginia 22314
(877) 327-9808 Toll Free • (571) 447-5500 Local • (703) 548-3270 Fax



KMI
cleaning solutions

157 Beadle Lake Road
Battle Creek, MI 49014
1-800-772-4616

Date of Issue: 1/30/2019

Date of Revision: 6/21/2022

Letter of Guarantee

Product Name: SWISH
Product Item Code: KSH

KMI Cleaning Solutions, Inc. hereby guarantees that SWISH is safe and effective under the intended conditions of use as outlined in the product use instructions in accordance with FDA, Code of Federal Regulations, Title 21 and USDA/FSIS Sanitation Performance Standards Compliance §416.4(a), A-1 Guidelines where applicable. This product will not adulterate food products if it is used according to product use instructions.

Appropriate safety precautions must be used in compliance with plant safety procedures and standards while handling and using this product.

SWISH is intended for use as a general cleaning compound on all surfaces with mechanical or steam cleaning devices.

Use Instructions: (CIP) RINSE: Immediately rinse the system with clean warm water (38°-40°C/100°-110°F). Do not circulate water. Drain System. WASH: Circulate a hot water (65°C/160°F to 93°C/200°F) of SWISH for at least 10 minutes. Wash solution should not drop below 160°F (63°C). Drain System. USE CONCENTRATION: Water hardness of 0-19 grains SWISH dilution ratio is 1500-2000 ppm. Water hardness of 10-40 grains SWISH dilution ratio is 4500-5000 ppm.

When used in processing areas, food products and packaging materials must be removed from the room or carefully protected. After using SWISH, all surfaces must be thoroughly rinsed with potable water.

Sincerely,

Zach Lafler

Director of Business Development

KMI Cleaning Solutions, Inc.

269-964-2257 or (800) 772-4616

zlafler@kmicleaningsolutions.com



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Product Usage Instructions

Swish

Swish Features and Benefits:

- Phosphate free, silicate free, chlorinated, and chelated, non-foaming
- Created for circulation and pressure spray cleaning of food processing equipment
- Designed for Hard Water use

Recommended Uses:

Circulation and Pressure Spray Cleaning leaves stainless steel tanks and pipes film free and bright, great for circulation cleaning.

Use Instructions:

Clean In Place Instructions

- RINSE: Immediately rinse the system with clean warm water (38°-40°C/100°-110°F). Do not circulate water. drain system.
- WASH: Circulate a hot water (65°C/160°F to 93°C/200°F) of SWISH for at least 10 minutes. Wash water solution should not drop below 160°F (63°C). Drain system.

To Determine Use Concentration:

WATER HARDNESS	SWISH DILUTION RATIO
0-19 grains	1500-2000 ppm
10 to 40 grains	4500-5000 ppm

Note: After cleaning cycle, triple rinse thoroughly with potable water at 180°-200°F before sanitizing and using equipment.

Safety: Contains sodium hydroxide. Do not use on aluminum and other soft metals. Store in a cool location.

Danger: Highly alkaline. Contains caustic soda. Avoid contact with skin, eyes, or clothing. In case of skin contact, flush with plenty of water and clean with mild soap. In case of eye contact, flush with plenty of water for 15 minutes and get medical attention.

Government Regulations:

Manufactured in accordance with Code of Federal Regulations, title 21 and FDA/USDA guidelines.

Revised: 06/24/2022



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PRODUCT BULLETIN

Chlorinated Alkaline Concentrate Internal & Tank Wash

Swish

Conforms to USDA/FSIS Sanitation Performance Standards Compliance §416.4(a), A-1 and A-8 Guidelines.

PRODUCT DESCRIPTION

- Alligator-FG is a highly concentrated non-caustic alkaline blend containing
- Swish is a highly concentrated chlorinated alkaline blend formulated for use in applications with mechanical energy such as CIP cleaning systems where no foam is desired
- Cleaning performance enhanced by a blend of chelating and water conditioning agents
- Can be used on a wide range of soil types, but not recommended on aluminum or other soft metals
- Optimum operating temperature range is 140°-210°F

FEATURES AND BENEFITS

- Phosphate free, silicate free, chlorinated, and chelated
- Non-Foaming
- Created for circulation and pressure spray cleaning of food processing equipment
- Designed for hard water use
- Rinses loosened soils easily and quickly from contact surfaces

TYPICAL SPECIFICATIONS

Appearance.....	Clear Liquid
Color.....	Light Yellow
Odor.....	Mild Chlorine
Solubility.....	Complete in water
pH Neat.....	>13.5
Specific Gravity.....	1.15-1.16
Foaming.....	No Foaming
Flash Point.....	>212F

DILUTION

- Minimum 1860ppm to Maximum 8000ppm
- Conductivity Range: Minimum 6.40mS to Maximum 35.04mS
- Test Method, "Titration w/ Reagents" KMI part #203DTK

SAFETY

- Keep out of reach of children.
- For industrial and commercial use only
- Read label instructions and SDS carefully
- SDS available with delivery or upon request

Government Regulations:

Manufactured in accordance with Code of Federal Regulations, title 21 and FDA/USDA guidelines.

Revised 06/24/2022



ועד הרבנים דעטראיט
Council of Orthodox Rabbis of Greater Detroit

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Rabbi Yisroel M. Levin
Rabbi Yechiel Morris
Rabbi Elimelech Silberberg
Presidium

December 16, 2021

Rabbi Moshe Wainkrantz
Director

To Whom It May Concern:

Rabbi Beryl Broyde
Rabbi Yosef Krupnik
K-COR – Kashrus Division

The following cleaning products, manufactured by **KMI Cleaning Solutions**, 157 Beadle Lake Road, Battle Creek, MI 49014, and by **Arrow Chemical Products Inc.**, 2067 Saint Ann Street, Detroit, MI 48216, which are going to be used at Kosher tank wash facilities throughout the country, are certified Kosher and Pareve, and are under the supervision of the Council of Orthodox Rabbis of Greater Detroit. Both plants have been visited by our Kashruth administrator, Rabbi Krupnik, and will continue to be inspected throughout the year.

- **Kleen Strip Powder**
- **D-8000 Powdered Detergent**
- **Breakaway Detergent**
- **191 Performance**
- **TW-22**
- **Work Horse**
- **Citra Clean**
- **Alligator**
- **X-20**
- **Swish**
- **Orange Gator**
- **Sudz**
- **Passivator**
- **Citric Passivator**
- **Metal Prep**

The products are a family of detergents based on Kosher Pareve approved acids (sulfuric acid, phosphoric acid, etc.) and other chemicals approved as Kosher and Pareve.

This certificate is valid through December 31, 2022.

Sincerely,

Rabbi Moshe Wainkrantz
Director, Council of Orthodox Rabbis of Greater Detroit

