

# WHAT YOU NEED TO KNOW ABOUT FSMA AND LUBRICATION



**MOVING YOUR WORLD**

The Food Safety Modernization Act (FSMA), is focused on preventing, rather than responding to, contamination in the U.S. food supply. The act is divided into five key sectors: Prevention, Inspection and Compliance, Response, Imports, and Enhanced Partnerships.

Each sector is further divided into subsections of best practices, covering all aspects of food safety management. FSMA provisions requires increased documentation.

Section 103 focuses on hazard analysis and risk based preventative controls. As part of the preventive measures, food manufacturers will be required to create a **Food Safety Plan** that documents and describes the facility's preventive-controls procedures. The plan needs to be available to the FDA upon request.

Four important aspects of a **Food Safety Plan** are:

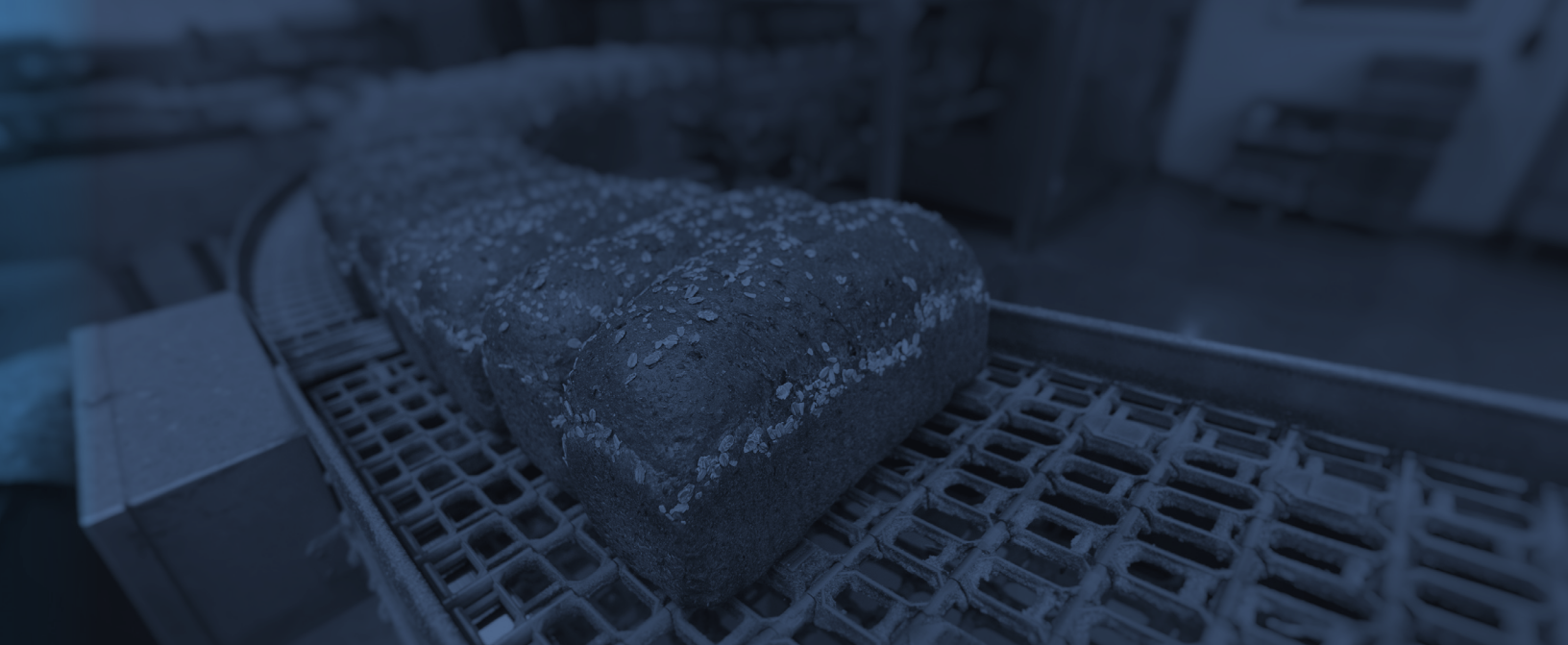
- Identify the hazards and understand the cause
- Implementation of preventive controls designed to significantly minimize or prevent hazards
- Monitoring to ensure the controls are effective or to take action if they are not
- Verification Procedures to ensure that the controls have the desired effect of reducing the risk of contamination in the facility

## LUBRICATION IS A RELEVANT COMPONENT OF A FOOD SAFETY PLAN

Lubrication is an important component which should be taken into account in a **Food Safety Plan**. Failure to include lubricants and lubrication safety in a **Food Safety Plan** can lead to costly product recalls and damage to the brand image of the food manufacturer.

Within the implementation stage of a **Food Safety Plan**, one of the preventive controls to minimize hazards is using the appropriate lubricant on machinery where there is a possibility of incidental contact between the food and the lubricant.

It is imperative that the lubricant used in these areas meet the guidelines set by the Food and Drug Administration (FDA) under FDA Title 21 CFR 178.3570. Lubricants meeting the criteria laid out in FDA Title 21 are typically registered as NSF H1 by NSF International.



## FUCHS CAN HELP MEET THE LUBRICATION PART OF FSMA REQUIREMENTS

There are various ways FUCHS helps food manufacturers to prepare their lubrication program to develop and meet the lubrication part of a Food Safety plan. Some of the key services offered by FUCHS to food manufacturers are:

- A detailed Lubrication Critical Control Point (LCCP) survey to evaluate lubrication hazards that could affect food safety
- Help with optimizing and / or consolidation of lubricants to minimize risk
- Guidance on lubricant storage, application and disposal
- Best practices on lubrication 5S
- Training for supervisors and employees on lubrication and food safety

The above services are available to FUCHS current and prospective Food and Beverage customers. Contact us at [inquiry@fuchs.com](mailto:inquiry@fuchs.com) to see how FUCHS can help.

More Info on FSMA can be found at [www.fda.gov/Food/GuidanceRegulation/FSMA/](http://www.fda.gov/Food/GuidanceRegulation/FSMA/)

### ABOUT FUCHS LUBRICANTS CO:

Founded in 1931, FUCHS Group is the leading global independent manufacturer of specialty lubricants for Food and Beverage, Industrial, Automotive, Mining, Wind and other industries. The FUCHS (CASSIDA) food grade lubricants portfolio meets the FDA's requirements for lubricants with incidental food contact (H1). FUCHS food grade lubricants are also Kosher and Halal certified. FUCHS' manufacturing facilities are ISO 21469 certified.

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