



# PROCESS OF EXTRACTING SOYBEAN ACID OIL





# ABOUT US

Amoli International is a leading International Business Consultant established in the year 2003. We offer the best quality agro-products at competitive prices. Our varied range of products has fulfilled the requirements of buyers from India and abroad. As exclusive International business consultants, we present several companies. We are well-specialized in Soybean acid oil.



# INTRODUCTION TO SOYBEAN ACID OIL EXTRACTION

Soybean acid oil is a byproduct of soybean oil refining and is obtained through a specific extraction process.



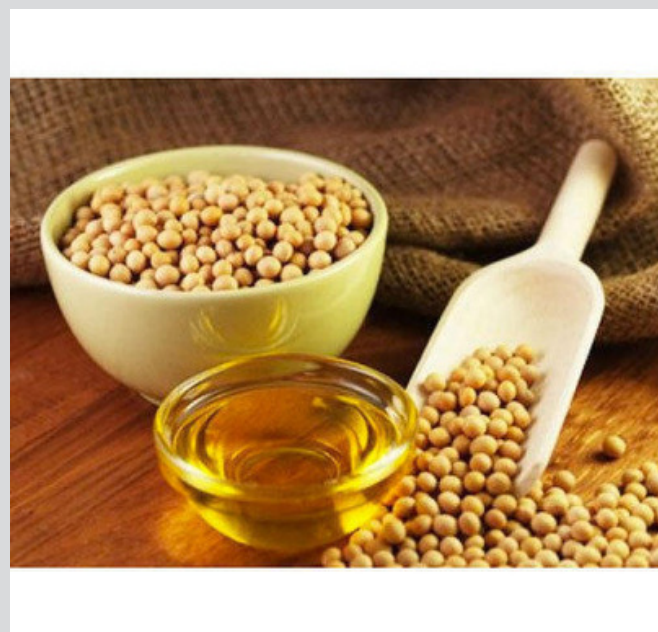
# PREPARATION OF SOYBEANS

Soybeans are cleaned and dehulled to remove impurities and outer layers, ensuring purity in the extraction process.



# EXTRACTION OF CRUDE SOYBEAN OIL

Soybean oil is extracted using solvent extraction methods, typically with hexane, to separate oil from the soybean meal.



## REFINING PROCESS

The crude soybean oil undergoes refining processes such as degumming, neutralization, bleaching, and deodorization to remove impurities and improve quality.



# SEPARATION OF ACID OIL

During the refining process, a certain amount of free fatty acids is removed, resulting in the formation of acid oil, which is separated from the refined oil.

## ACIDULATION

The separated acid oil undergoes an acidulation process, where it is treated with sulfuric acid to further reduce the free fatty acid content.





## WASHING AND NEUTRALIZATION

The acidulated oil is washed to remove excess acid and neutralized to adjust the pH level, making it suitable for various industrial applications.

## DRYING AND FILTRATION

The treated acid oil is dried to remove moisture and filtered to ensure purity and remove any remaining impurities.



# PACKAGING

The final product, soybean acid oil, is packaged in suitable containers for storage and transportation to various industries for use in applications such as biodiesel production, animal feed, and industrial chemicals.



# QUALITY CONTROL

Throughout the extraction and refining process, quality control measures are implemented to ensure the final product meets regulatory standards and customer specifications.





# THANK YOU

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