



HALAL WATCH WORLD

THE GOLD STANDARD



PRODUCT & FACILITY REPORT

Tessengerlo Kerley

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COMPANY BACKGROUND

Halal Watch World LLC is a halal certification limited liability corporation based in the state of New York, and has operated in the certification industry since 1990. HWW is an organization that stands upon the trust of the Muslim public, and believes that it is imperative that their trust never be jeopardized. We maintain standards to the highest degree of scrutiny and perform regular audits for the protection of our constituents.

Halal Watch World understands that halal certification is a communal obligation (فرض كفاية), meaning, at least one person of the community must uphold it. If no one takes up this responsibility, the entire community bears a burden of sin. Therefore, we must be extra diligent with this effort. We realize the seriousness of the matter and understand the dire consequences of not filling this duty to the fullest capacity. God explains this to us in the Holy Quran by His statement:

“ And say not concerning that which your tongue says falsely: 'This is Halal and this is Haram,' so as to invent lies against Allah. Verily, those who invent lies against Allah will never prosper...A passing brief enjoyment (will be theirs), but they will have a painful torment.”

[Al Quran] 16:116-117

HWW ensures to the best of its ability a high level of authenticity is upheld. This allows them to gain the trust of the Muslim community, and garner strong relationships with companies who produce, process, and distribute halal products at all levels. By this, they are able to offer halal producing company's guidance and consultation on the direction of their processes and products, while ensuring that Islamic dietary standards are always maintained and monitored. Muslims can use this information in order to make well informed decisions about what they choose to eat.

Legal Filings: Halal Watch World holds registered trademark number 4728733, and Department of State (New York) number 4814343. Halal Watch World is also a registered halal certifying organization with The Department of Agriculture and Markets of New York State (See supporting documentation).

We begin in the name of God SWT



CERTIFICATION CONSIDERATIONS

There are 4 main factors taken into consideration when determining the halal status of a product:

1. Is the product/ingredient Halal Aslan (by default)?

If the product is Halal by default, then the location it is harvested, produced, or manufactured in, even if done so by a non-Muslim, is not necessary to inspect.

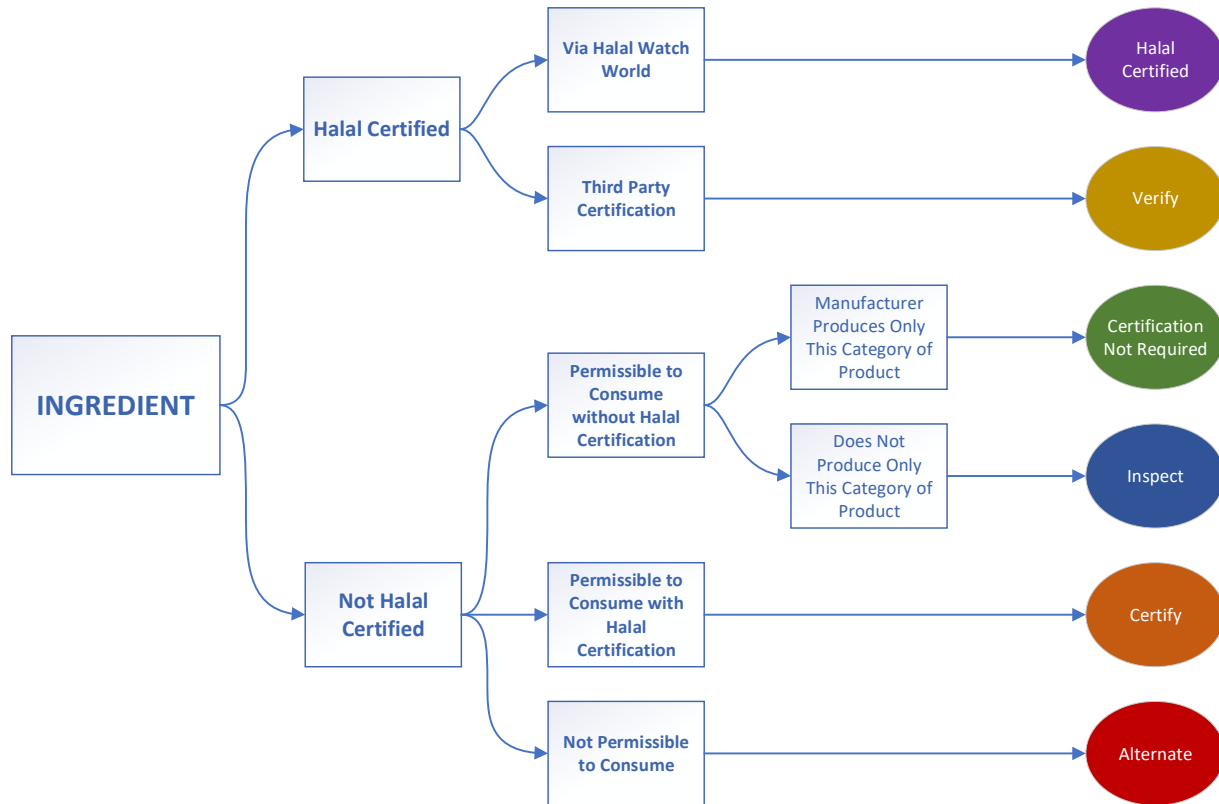
2. Is the product/ingredient Halal certified via another organization?

If another organization certifies the product as Halal, then it is incumbent upon us to perform a *tahqeeq* (verification) certification of the establishment. We must be able to ascertain that the certifying body is competent and capable of determining the status of such products. In the event that we are unable to gain this information, our organization must inspect the location of production before certifying.

3. Are there any impermissible ingredients being produced in the same facility?

As is the norm in Muslim minority societies, manufacturers produce both Halal and Non-Halal products in the same facilities. If other non-Halal items are produced in the same facility, an inspection may be required. In the event that an inspection is not possible, Halal Watch World reserves the right to utilize other forms of off-site audit procedures requiring documentation and the like in order to determine the facilities halal production capabilities. It is generally required for us to determine that the manufacturer prevents the following:

1. Product Contamination
2. Cleaning Method fulfils Islamic requirements
3. Separate storage locations between Halal and non-Halal products, or preventative measures are in place to remove the possibility of mislabelling
4. Halal certified label is visible either on the box or the product
5. Halal certificate from source meat supplier is valid



Regarding contamination, products cannot be cooked upon or within the same utensils without proper cleansing. This means that any liquid substance that interacts with non-halal products becomes contaminated. This includes oil, and other wet cooking surfaces. Thus, if a vat of oil is used to cook non-halal products (which is considered as filth), it cannot be used to cook Halal products without contaminating it.

4. Are there any contents in the product that contain impermissible ingredients?

We refer to the list of impermissible consumables on the previous pages. If the product under audit is found to contain any of the ingredients on the ban list, these products cannot be considered as halal.

Client Details: Tessenderlo Kerley

FACILITY PROFILE

Tessenderlo Kerley, Inc. (TKI) is a diverse organization with production facilities and distribution locations throughout the world, including the U.S., South America, and Europe. We are part of Tessenderlo Group, a global company specializing in agriculture, industrial and valorizing bio-residuals.

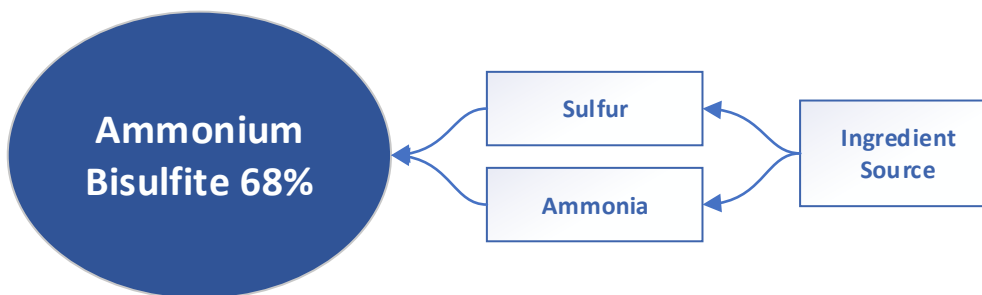
Client Details	
GENERAL INFORMATION	
Physical Address:	16677 US HYWY, East Dubuque, IL 61025
Area of site:	440000
Number of employees:	15
Number of working shift:	2
Operating Hours:	24
Work Days:	Mon - Fri, Sat & Sun
Total Number of Products:	1
Total Number of Ingredients:	2
FACILITY OVERVIEW	
Risk Assessment	Low Risk
Facility Kind	HPF - Totality
Contaminants	No
Tools	Dedicated
Storage	Segregated
SUPPLIER OVERVIEW	
Supplier1:	Phillips 66
Supplier2:	Verde Technology
Supplier3:	Interchem
Supplier4:	East Dubuque Nitrogen Fertilizers, LLC
PRODUCT OVERVIEW	
Product Type:	Chemicals
Exposure:	Goods are opened in facility
Animal Byproducts:	No
Alcohol (Ethyl):	No
Fillers/Additives (Finished product:)	No

PRODUCT INFORMATION

Product name	Client product #	HWW Product ID	Ingredients List
Ammonium Bisulfite Solution 68%		MR1010-B-CH01	Ammonium bisulfite (Sulfur & Ammonia), Water

PRODUCT PROFILE

Ammonium Bisulfite 68%



AMMONIUM BISULFITE 68%

Ammonium bisulfite are colorless crystals which are soluble in water. It is noncombustible. It is corrosive to aluminum. It is a strong irritant to skin and mucous membranes. It is toxic by skin absorption.

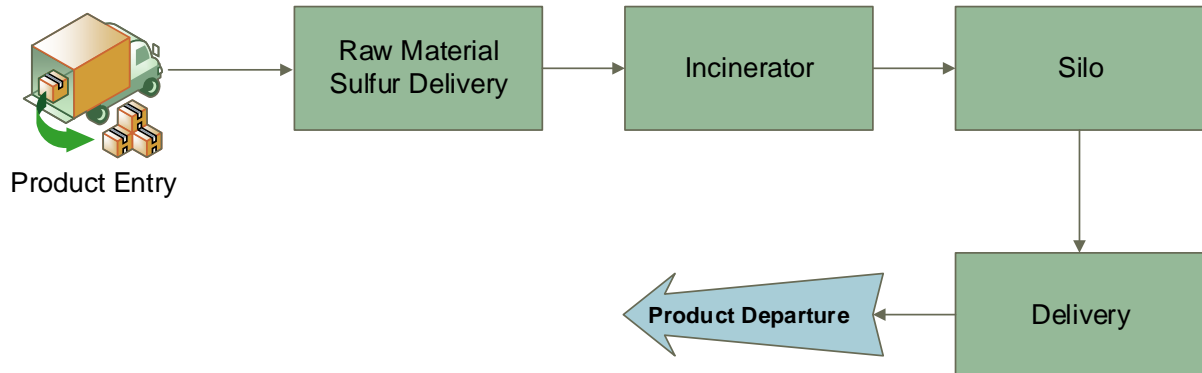
Ingredient Status

Sulfur: – **Halal** (Aslan) [Sulfur (in British English: sulphur) is a chemical element with the symbol S and atomic number 16. It is abundant, multivalent and nonmetallic.]

Ammonia: – **Halal** (Aslan) [Ammonia is a compound of nitrogen and hydrogen with the formula NH₃. A stable binary hydride, and the simplest pnictogen hydride, ammonia is a colourless gas with a distinct characteristic of a pungent smell.]

Concerns – None.

PROCESSING OVERVIEW



CLEANING METHOD

Description: Manufacture process is completely contained with no human contact and offices are confirmed via invoice to be cleaned by a third party cleaning service.

Cleaning of labs and process rooms are done in house and are as follows:

Laboratory: Counters wiped down • shelves organized • excess reagents and equipment properly stored • floors swept and mopped • trash emptied

Water Building: Vessels and piping washed down • floor washed down • tools, hoses, parts, and equipment properly stored • valve plugs installed • trash emptied
• equipment and piping painted as needed

Process Building: Vessels and piping washed down • floor washed down • tools, hoses, parts, and equipment properly stored • valve plugs installed • trash emptied
• equipment, pumps, and piping painted as needed • sample buckets labeled and emptied • equipment and piping labeled

General Grounds: All sulfur cleaned up • tools, hoses, parts, and equipment properly stored • valve plugs installed • trash picked up • sidewalks swept

Loader Responsibilities

Loadout Shed: Floor swept • counters and desk organized • tools and parts properly stored • trash emptied

Truck Loading Area: Containment swept up and washed down • tools, hoses, and parts properly stored • piping and pumps painted

Tank Farm Area: Containment swept up and washed down • tools, hoses, and parts properly stored • piping and pumps painted • valve plugs installed
• sample buckets labeled and emptied • equipment and piping labeled

Process Building: Manage retained samples (recycle at 90 days) I&E Responsibilities

Shop I&E Area: Cabinets organized • tools and parts properly stored • table and bench wiped down • floor swept • trash emptied

MCC Room: Floor swept • trash picked up • tools and parts properly stored

Outfall Sampler Shed: Floor swept • trash picked up • tools and parts properly stored

Maintenance Responsibilities

Shop Area: Racks organized • tools and parts properly stored • table and benches wiped down • floor swept • trash emptied

Laydown Area: Piping and equipment organized • trash picked up • weed control

Frequency: Weekly/Daily/As needed.

PRODUCT & SUPPLIER ASSESSMENT

Phillips 66, Verde Technology, Interchem

Raw Material	Proof of Purchase	Statement/Certificate	Pass/Fail	Reason	Status Recommendation
Sulfur	Invoice	Statement	Pass		Halal Aslan
	Invoice	Statement	Pass		Halal Aslan
	Invoice	Statement	Pass		Halal Aslan

East Dubuque Nitrogen Fertilizers, LLC

Raw Material	Proof of Purchase	Statement/Certificate	Pass/Fail	Reason	Status Recommendation
Ammonia	Invoice	Statement	Pass		Halal Aslan

TESTING METHOD

The following tests are performed for the production facility: None.

CONCLUSION

Client was cooperative, compliant with on-site access, and all relevant documentation requests. Inspector was able to identify all critical Halal Area Risk Management locations. All H.A.R.M. areas have been properly mitigated. All source materials have been analysed during this review. Tessengerlo Kerley's facility has been deemed to be conducive to maintaining the integrity of a Halal product.

Based upon this information, the review team hereby certifies both the facility, and all products mentioned in this report to be Halal.

REVIEW AGENT:



Tameem Allie
Technical Review Analyst

APPROVED BY:



Sh. Darweesh Muhammad
Director of Operations



Imam Mansoor Rafiq Umar
President

Date: Friday, 28 May 2021