



# HALAL WATCH WORLD

THE GOLD STANDARD



## **PRODUCT & FACILITY REPORT**

Northstar Chemical Inc.

# Table of Contents

<b>CERTIFICATION CONSIDERATIONS .....</b>	<b>5</b>
1. Is the product/ingredient Halal Aslan (by default)? .....	5
2. Is the product/ingredient Halal certified via another organization? .....	5
3. Are there any impermissible ingredients being produced in the same facility? .....	5
4. Are there any contents in the product that contain impermissible ingredients?.....	6
<b>Client Details: Northstar Chemical Inc.....</b>	<b>7</b>
FACILITY PROFILE .....	7
PRODUCT INFORMATION .....	8
PRODUCT PROFILE.....	9
Phosphoric Acid 75% Industrial Grade.....	9
PRODUCT PROFILE.....	10
Pottasium Hydroxide Solution 45% Membrane Grade .....	10
PRODUCT PROFILE.....	11
Sodium Hydroxide Solution 50% Membrane Grade.....	11
PRODUCT PROFILE.....	12
Starchlor .....	12
Sulfluric Acid 50% FCC.....	13
Sulfluric Acid 66 Degrees Baume Commercial Grade .....	14
Hydrochloric Acid 20 Degrees Baume Commercial Grade.....	15
Nitric Acid 42 Degrees Baume .....	16
Citric Acid Solution 50% .....	17
CLEANING METHOD.....	18
PRODUCT & SUPPLIER ASSESSMENT.....	19

Simplot .....	19
APAC .....	19
Nutrien .....	19
Hasa inc.....	19
Chemtrade .....	20
Occidental Chemical .....	20
Axial/Westlake .....	20
TESTING METHOD.....	20
<b>CONCLUSION.....</b>	<b>21</b>
<b>Date: Friday, 30 April 2021 .....</b>	<b>21</b>

# 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.

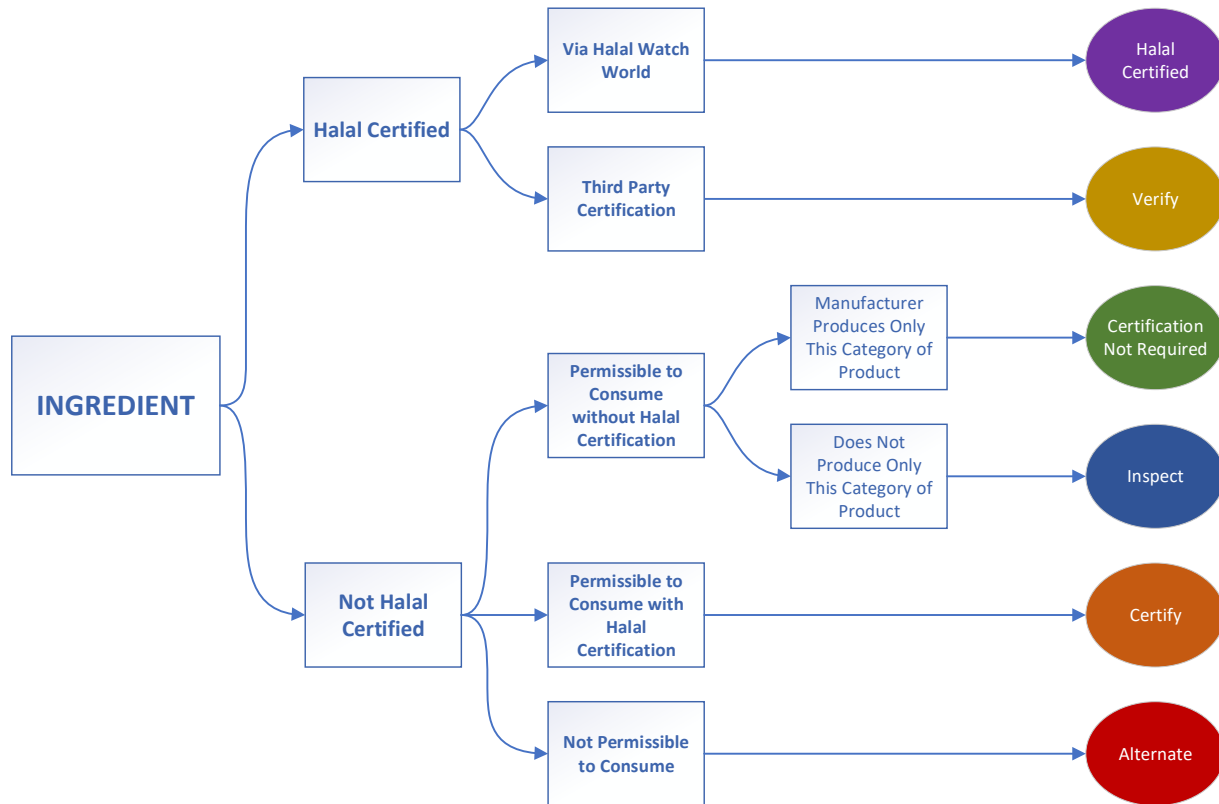
## **2. Is the product/ingredient Halal certified via another organization?**

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: Northstar Chemical Inc.

## FACILITY PROFILE

Northstar Chemical is an experienced, reliable and safe specialty chemical distribution company providing chemical products and full service water treatment solutions for municipalities and a wide variety of industries.

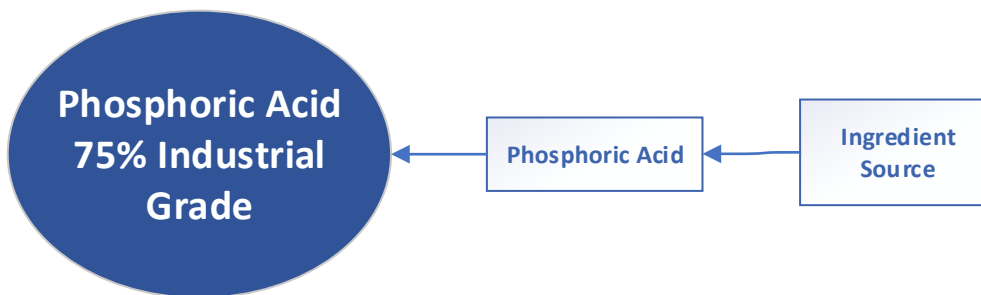
<b>Client Details</b>	
<b>GENERAL INFORMATION</b>	
Physical Address:	14200 South West Tualatin-Sherwood rd, Sherwood, OR 97140
Area of site:	1 Acre + Storage -4000
Number of employees:	30
Number of working shifts:	1
Operating Hours:	6am-6pm
Work Days:	M-F
Total Number of Products:	9
Total Number of Ingredients:	8
<b>FACILITY OVERVIEW</b>	
Risk Assessment	Low Risk
Facility Kind	HPF - Totality
Contaminants	No
Tools	Dedicated
Storage	Segregated
<b>SUPPLIER OVERVIEW</b>	
Supplier1:	Simplot
Supplier2:	APAC
Supplier3:	Nutrien
Supplier4:	Hasa inc
Supplier5:	Chemtrade
Supplier6:	Axial/Westlake
Supplier7:	Occidental Chemical
<b>PRODUCT OVERVIEW</b>	
Product Type:	Chemicals
Exposure:	Goods are opened in facility
Animal Byproducts:	No
Alcohol (Ethyl):	No
Fillers/Additives (Finished product:)	No

## **PRODUCT INFORMATION**

<b>Product name</b>	<b>Client product #</b>	<b>HWW Product ID</b>	<b>Ingredients List</b>
Phosphoric Acid 75% Industrial Grade		MR1047-CH01	Phosphoric Acid
Potassium Hydroxide Solution 45% Membrane Grade		MR1047-CH02	Potassium Hydroxide
Sodium Hydroxide Solution 50% Membrane Grade		MR1047-CH03	Sodium Hydroxide
Starchlor		MR1047-CH04	Sodium Hypochlorite
Sulfuric Acid 50% FCC		MR1047-CH05	Sulfuric Acid
Sulfuric Acid 66 degrees Baume Commercial Grade		MR1047-CH06	Sulfuric Acid
Hydrochloric Acid 20 degrees Baume Commercial Grade		MR1047-CH07	Hydrochloric Acid
Nitric Acid 42 degrees Baume		MR1047-CH08	Nitric Acid
Citric Acid Solution 50%		MR1047-CH09	Citric Acid Granular

## PRODUCT PROFILE

### Phosphoric Acid 75% Industrial Grade



### PHOSPHORIC ACID 75% INDUSTRIAL GRADE

Phosphoric acid, also known as orthophosphoric acid or phosphoric(V) acid, is a weak acid with the chemical formula  $H_3PO_4$ . It is normally encountered as a colourless syrup of 85% concentration in water. The pure compound is a colourless solid.

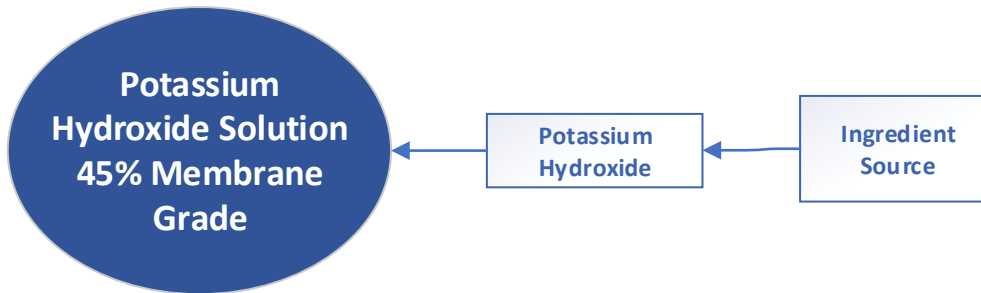
#### Ingredient Status

Phosphoric Acid: – **Halal** (Aslan) [Phosphoric acid, also known as orthophosphoric acid or phosphoric(V) acid, is a weak acid with the chemical formula  $H_3PO_4$ . It is normally encountered as a colourless syrup of 85% concentration in water. The pure compound is a colourless solid.]

Concerns – None.

## **PRODUCT PROFILE**

### **Potassium Hydroxide Solution 45% Membrane Grade**



### **POTASSIUM HYDROXIDE SOLUTION 45% MEMBRANE GRADE**

Potassium hydroxide is an inorganic compound with the formula KOH, and is commonly called caustic potash. Along with sodium hydroxide, this colourless solid is a prototypical strong base. It has many industrial and niche applications, most of which exploit its caustic nature and its reactivity toward acids.

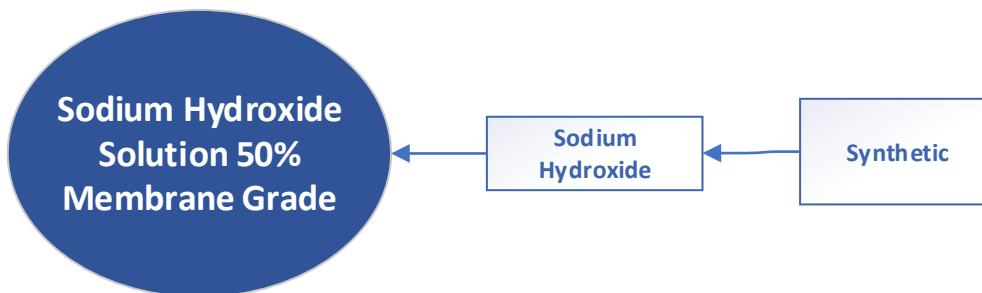
#### **Ingredient Status**

Potassium Hydroxide: – **Halal** (Aslan) [Potassium hydroxide is an inorganic compound with the formula KOH, and is commonly called caustic potash. Along with sodium hydroxide, this colourless solid is a prototypical strong base. It has many industrial and niche applications, most of which exploit its caustic nature and its reactivity toward acids.]

**Concerns** – None.

## PRODUCT PROFILE

### Sodium Hydroxide Solution 50% Membrane Grade



#### **SODIUM HYDROXIDE SOLUTION 50% MEMBRANE GRADE**

Sodium hydroxide, also known as lye and caustic soda, is an inorganic compound with the formula NaOH. It is a white solid ionic compound consisting of sodium cations Na<sup>+</sup> and hydroxide anions OH<sup>-</sup>.

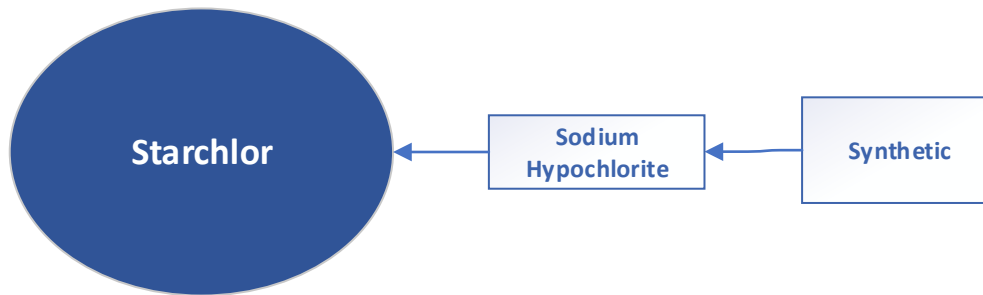
#### Ingredient Status

Sodium Hydroxide: – **Halal** (Aslan) [Sodium hydroxide, also known as lye and caustic soda, is an inorganic compound with the formula NaOH. It is a white solid ionic compound consisting of sodium cations Na<sup>+</sup> and hydroxide anions OH<sup>-</sup>.]

Concerns – None.

## PRODUCT PROFILE

### Starchlor



### STARCHLOR

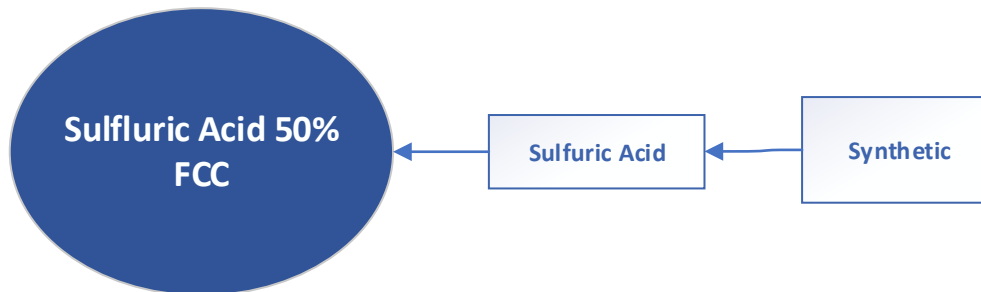
Dichlorvos (2,2-dichlorovinyl dimethyl phosphate, commonly abbreviated as an DDVP is an organophosphate widely used as an insecticide to control household pests, in public health, and protecting stored products from insects. The compound has been commercially available since 1961 and has become controversial because of its prevalence in urban waterways and the fact that its toxicity extends well beyond insects.

#### Ingredient Status

Sodium Hypochlorite: – **Halal** (Aslan) [In chemistry, hypochlorite is an anion with the chemical formula  $\text{ClO}^-$ . It combines with a number of cations to form hypochlorite salts. Common examples include sodium hypochlorite and calcium hypochlorite. The Cl-O distance in  $\text{ClO}^-$  is 210 pm.]

Concerns – None.

## Sulfluric Acid 50% FCC



### SULFLURIC ACID 50% FCC

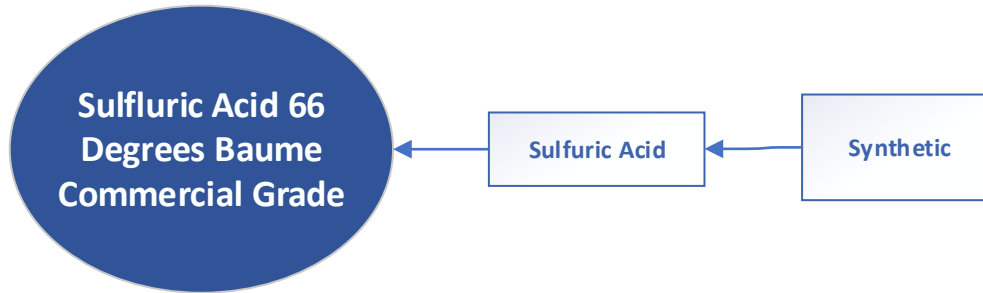
Sulfuric acid or sulphuric acid, also known as oil of vitriol, is a mineral acid composed of the elements sulfur, oxygen and hydrogen, with molecular formula  $H_2SO_4$ . It is a colourless, odourless and viscous liquid that is miscible with water at all concentrations.

#### Ingredient Status

Sulfuric Acid: – **Halal** (Aslan) [Sulfuric acid or sulphuric acid, also known as oil of vitriol, is a mineral acid composed of the elements sulfur, oxygen and hydrogen, with molecular formula  $H_2SO_4$ . It is a colourless, odourless and viscous liquid that is miscible with water at all concentrations.]

Concerns – None.

## Sulfuric Acid 66 Degrees Baume Commercial Grade



### **SULFLURIC ACID 66 DEGREES BAUME COMMERCIAL GRADE**

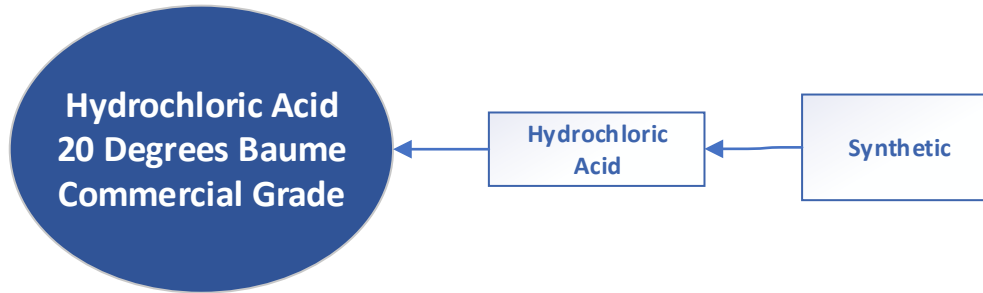
Sulfuric acid or sulphuric acid, also known as oil of vitriol, is a mineral acid composed of the elements sulfur, oxygen and hydrogen, with molecular formula  $H_2SO_4$ . It is a colourless, odourless and viscous liquid that is miscible with water at all concentrations.

#### Ingredient Status

Sulfuric Acid: – **Halal** (Aslan) [Sulfuric acid or sulphuric acid, also known as oil of vitriol, is a mineral acid composed of the elements sulfur, oxygen and hydrogen, with molecular formula  $H_2SO_4$ . It is a colourless, odourless and viscous liquid that is miscible with water at all concentrations.]

Concerns – None.

## Hydrochloric Acid 20 Degrees Baume Commercial Grade



### **HYDROCHLORIC ACID 20 DEGREES BAUME COMMERCIAL GRADE**

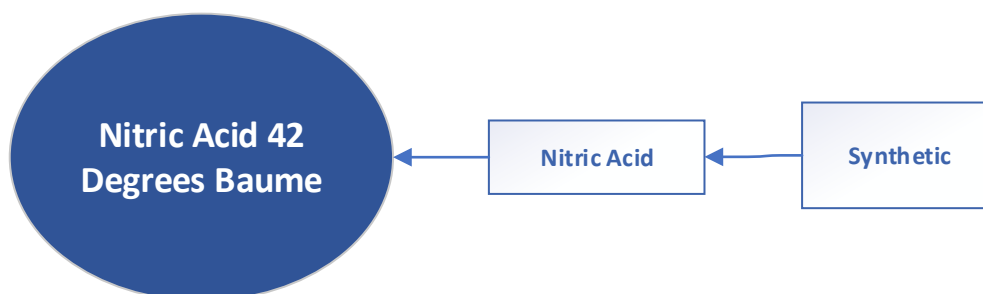
Hydrochloric acid, also known as muriatic acid, is an aqueous solution of hydrogen chloride. It is a colourless solution with a distinctive pungent smell. It is classified as a strong acid. It is a component of the gastric acid in the digestive systems of most animal species, including humans.

#### Ingredient Status

Hydrochloric Acid: – **Halal** (Aslan) [Hydrochloric acid, also known as muriatic acid, is an aqueous solution of hydrogen chloride. It is a colourless solution with a distinctive pungent smell. It is classified as a strong acid. It is a component of the gastric acid in the digestive systems of most animal species, including humans.]

Concerns – None.

## Nitric Acid 42 Degrees Baume



### NITRIC ACID 42 DEGREES BAUME

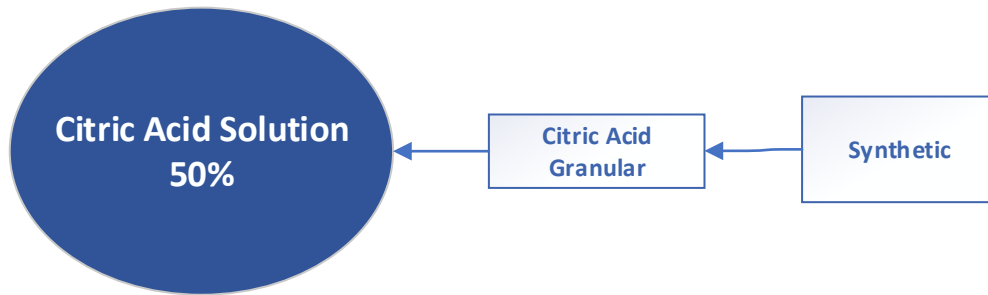
Nitric acid, also known as aqua fortis and spirit of niter, is a highly corrosive mineral acid. The pure compound is colourless, but older samples tend to acquire a yellow cast due to decomposition into oxides of nitrogen and water. Most commercially available nitric acid has a concentration of 68% in water.

#### Ingredient Status

Nitric Acid: – **Halal** (Aslan) [Nitric acid, also known as aqua fortis and spirit of niter, is a highly corrosive mineral acid. The pure compound is colourless, but older samples tend to acquire a yellow cast due to decomposition into oxides of nitrogen and water. Most commercially available nitric acid has a concentration of 68% in water.]

Concerns – None.

## Citric Acid Solution 50%



### CITRIC ACID SOLUTION 50%

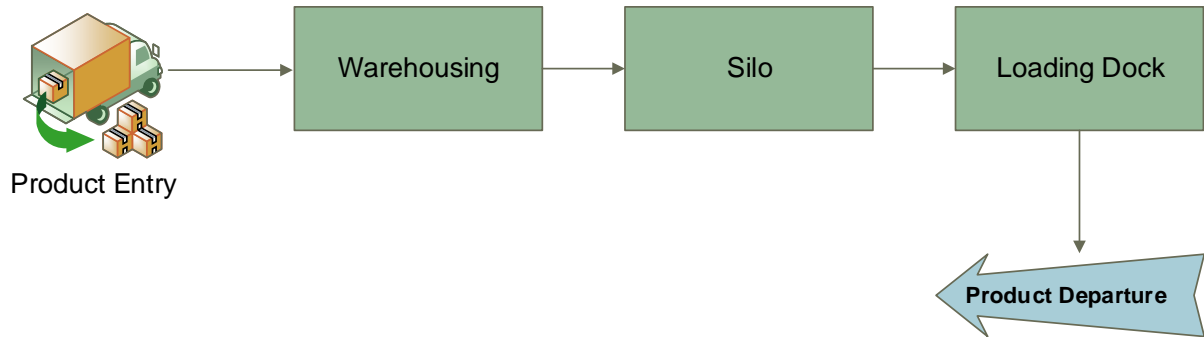
Citric acid is a weak organic acid that has the molecular formula  $C_6H_8O_7$ . It occurs naturally in citrus fruits. In biochemistry, it is an intermediate in the citric acid cycle, which occurs in the metabolism of all aerobic organisms. More than two million tons of citric acid are manufactured every year.

#### Ingredient Status

Citric Acid Granular: – **Halal** (Aslan) [Citric acid is a weak organic acid that has the molecular formula  $C_6H_8O_7$ . It occurs naturally in citrus fruits. In biochemistry, it is an intermediate in the citric acid cycle, which occurs in the metabolism of all aerobic organisms. More than two million tons of citric acid are manufactured every year.]

Concerns – None.

## PROCESSING OVERVIEW



## **CLEANING METHOD**

### Description:

Areas to be Cleaned and/or Sanitized

- Ingredient Production Area (also known as the blend area)
  - o Only dedicated cleaning tools (brooms, mops, squeegees and other tools) may be used in the Ingredient Production Area. These tools will be marked with blue tape around the handles.

These tools are not to be used in any other area of the plant. These tools are kept on a rack

located on the north wall next to the motor control panel.

- o It is imperative to maintain the integrity of the ingredient production area tools so that there is no chance of bringing unwanted dirt, debris or other contaminants into the ingredient area.

- Warehouse Area
- Maintenance Shop Area
- Tank Farm and Containment Areas
- Load Area
- Wash Bay Area

Frequency: Between batches.

## PRODUCT & SUPPLIER ASSESSMENT

### Simplot

Raw Material	Proof of Purchase	Statement/Certificate	Pass/Fail	Reason	Status Recommendation	Ingredient Source
Sulfuric Acid 93%	Purchase Orders	Statement	Pass		Halal Aslan	Synthetic
Phosphoric Acid	Purchase Orders	Statement	Pass		Halal Aslan	Synthetic

### APAC

Raw Material	Proof of Purchase	Statement/Certificate	Pass/Fail	Reason	Status Recommendation	Ingredient Source
Citric Acid Granular	Purchase Orders	Statement	Pass		Halal Aslan	Synthetic

### Nutrien

Raw Material	Proof of Purchase	Statement/Certificate	Pass/Fail	Reason	Status Recommendation	Ingredient Source
Nitric Acid	Purchase Orders	Statement	Pass		Halal Aslan	Synthetic

### Hasa inc

Raw Material	Proof of Purchase	Statement/Certificate	Pass/Fail	Reason	Status Recommendation	Ingredient Source
Sodium Hypochlorite 12.5%	Purchase Orders	Statement	Pass		Halal Aslan	Synthetic

### Chemtrade

Raw Material	Proof of Purchase	Statement/Certificate	Pass/Fail	Reason	Status Recommendation	Ingredient Source
Hydrochloric Acid	Purchase Orders	Statement	Pass		Halal Aslan	Synthetic

### Occidental Chemical

Raw Material	Proof of Purchase	Statement/Certificate	Pass/Fail	Reason	Status Recommendation	Ingredient Source
Potassium Hydroxide	Purchase Orders	Statement	Pass		Halal Aslan	Synthetic

### Axial/Westlake

Raw Material	Proof of Purchase	Statement/Certificate	Pass/Fail	Reason	Status Recommendation	Ingredient Source
Sodium Hydroxide	Purchase Orders	Statement	Pass		Halal Aslan	Synthetic

### TESTING METHOD

The following tests are performed for the production facility: Cleaning Validation, Green Scientific Labs, Pesticide Analysis, Microbial, Mycotoxin Analysis.

# 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. Northstar Chemical Inc.'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:



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**Tameem Allie**  
**Technical Review Analyst**

## APPROVED BY:



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**Sh. Darweesh Muhammad**  
**Director of Operations**



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**Imam Mansoor Rafiq Umar**  
**President**

**Date: Tuesday, 18 January 2022**