Kosher and Halal
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MVO Course
Food & Feed Safety
of Vegetable Oils and Fats
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Goal of this training

Understanding of what kosher and halal food regulations are all about.

Understanding of what implications are towards:
- (Raw) Material
- Production
- Supply chain
Agenda

• Religions around the world
• Kosher & Halal logo
• Kosher & Halal food regulations
• 3 CASE STUDIES
• Additional information related to Kosher and Halal Food Regulations
• Transport, Storage & Equipment
• What if no kosher or Halal food is available?

• Answers Case studies
Religions of the World

A brief introduction to Kosher - Halal
What do the Words Themselves Mean?

**Kosher** = Fit or Proper
**Treyf** = Not Kosher
For Jewish people

**Halal** = Lawful
**Haram** = Prohibited
For Muslims

What makes a product kosher or halal is whether it follows the religious rules required for food production. Being certified does not mean it is blessed food.
Religions in numbers

Christianity: 1.9 billion
Islam: 1.1 billion
Hinduism: 800 million
Buddhism: 325 million
Judaism: 13 million
Muslims - scholars

Map showing the distribution of legal systems among Sunni and Shia Muslims with different schools of thought: Hanafi, Shafi, Maliki, Hanbali, Ithna'ashari, Zaidi, and Ibadi.

MVO - The Netherlands Oils and Fats Industry
Kosher

- **Meat and Dairy Kosher**
  Special Kosher logo for Milk and Meat
  - Kosher dairy comes with the letter D
  - Kosher meat comes with the word ‘MEAT’
- **Kosher Parev (pareve)**
  material does not INTERFERE with Kosher food law

*Reason:*
Meat and Dairy … never mix (Exodus 23:19)

19 The choicest first-fruits of thy land thou shalt bring into the house of the LORD thy God. Thou shalt not seethe a kid in its mother's milk.
Halal

- Halal is more a ‘way of life’ with rules and manners rather than religion.
- Food is important part of daily life
  - Muslims are expected to eat for survival, to maintain good health.
  - Eating is considered to be a matter of worship like praying & fasting
- Muslims are supposed to make an effort to obtain the best quality nutritionally.
- It is written down (in a Hadith) that the prayer of a person is rejected by Allah if his food is haram.
Halal

The five pillars of Islam:

1. shahada: To bear witness that there's no God but Allah, the only one God with no one associated to Him

2. pray to God (five times a day).

3. fast the month of Ramadan.

4. Alms giving: to give money to poor (called zakat)

5. go to hajj (pilgrimage to Mecca where the Kaaba is)
Kosher and Halal Food Regulations
Religious Food Laws - Highlights

In general best option to avoid

- Animal fats & Animal blood
- Marine oils
- Alcohol
  - But also e.g. Redwine vinegar, grapejuice (grape derivatives)
  - Natural flavours (alcohol extracted)

- Dairy products
- Chocolate compounds (may contain e.g. milkpowders)

And if something goes wrong... talk to and inform them without restriction. So they can make a good judgment. There is often more possible than you think.
Utensils (pots, pans, plates, etc.) must be religious clean in order to prepare a meal.

A utensil picks up the kosher/halal status of the food. Forbidden foods thus changes to status of your utensil to non-religious.

Additional for kosher
Kosher status is transmitted from the food to the utensil or from the utensil to the food only in the presence of heat, thus if you are eating cold food in a non-kosher establishment, the condition of the plates is not an issue.

If you are going to use a dishwasher in a kosher home, you either need to have separate dish racks or you need to run the dishwasher in between meat and dairy loads.

Same principle that applies to utensils, dishwasher etc, applies in our daily practice to pumps, pipes, tanks, trucks, flexible hoses,...
3 CASE STUDIES
CASE 1

You are a production manager of a plant. You are requested to produce a product under Kosher & Halal requirements due to export to Middle East.

You have to produce 2 different products:
Oil + spices & Herbs
Oil + natural flavours

Indicate below what you think needs to be taken into account?

--- Kosher supply of your ingredients
--- Kosher & Halal certificates of oil
--- Kosher & Halal certificates of Herbs and Spices
--- Kohser & Halal certificates of Natural Flavors
--- Rabbinical/Imam supervision during production
--- Approval from rabbi before production
--- Blessing of the material after production
--- Kosher cleaning certificate of oiltruck
--- Halal certified employees
--- Certified packaging material
--- Kosher storage tanks
--- Run Kosher cleaning for your plant
--- Certify your plant for kosher & Halal
--- Outlet of your tanks towards Mekka
CASE 2

You are a distributor of oils and fats. You have several suppliers that do supply bulk oil. Your main activity is repack oils and fats for supply B2B. (drums, IBC etc). Packing of Bag in Box of Tallow is also part of your business.

You have to certify your plant kosher and halal on request of an important customer.

Indicate below what you think needs to be taken into account?

--- Kosher/Halal certificates of all suppliers and ingredients
--- Rabbinical/Imam supervision during re-packing
--- Approval from rabbi before re-packing
--- Blessing of the material after re-packing
--- Use only kosher trucks (or halal trucks) for supply raw materials.
--- Move packing of Tallow our of your plant
--- Kosher cleaning certificate of truck that supplies the oil
--- Certified employees
--- Certified packaging material
--- Kosher storage tanks
--- Halal storage tanks
--- Run Kosher cleaning for your plant
--- Source Kosher & Halal certified Tallow
CASE 3

You are a transport company and often, but not solely, transport refined oils and fats.
One of your customers requires a kosher transport and another one requires a halal transport.

What options do you have?

--- Rabbinical/Imam supervision during loading
--- Approval from rabbi to use the truck
--- Sealing of truck by rabbi
--- Sealing of truck by Imam
--- Certified truck drive
--- Check with your customer if previous cargoes are compatible
--- Apply P26 cleaning of truck for each transport

--- Kosher cleaning (certificate) of truck
--- Halal cleaning of the truck
--- Use Kosher certified trucks
--- Use Halal certified trucks
Additional information related to Kosher and Halal Food Regulations
Religious Foods laws – MEAT

Consume/process allowed animals (not all animals shown are allowed)
Products derived from religious slaughtered animals are also kosher or halal

Due to requirements of religious slaughtering meat can NEVER be kosher & halal.
Some explanation…

Pigs are prohibited for both Kosher and Halal (no ruminant)
Camel only Halal (ruminant but not fully split hooves no kosher)
Insects/reptiles/amphibians forbidden for halal/kosher
Fish is Kosher if it comes with scales
Mollusks/ Crustaceans mostly not kosher but mostly halal (depends on scholar)
Poultry mostly kosher and halal but not all poultry (ostrich e.g. not)
# MEAT

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TALLOW</td>
<td>... Only If it comes from kosher certified or halal certified sources. (animals are slaughtered according to religious guidelines).</td>
</tr>
<tr>
<td></td>
<td>If you can not guarantee it.... Avoid it.</td>
</tr>
<tr>
<td>FISH OIL</td>
<td>Yes,.....If it is from scaled fish</td>
</tr>
<tr>
<td></td>
<td>So no Eel, Swordfish, Marlin, Catfish,....</td>
</tr>
<tr>
<td>LARD</td>
<td>Under no condition Lard can be kosher nor Halal</td>
</tr>
</tbody>
</table>
Religious Foods laws – DAIRY

Earlier it was said that products derived from religious slaughtered animals are also kosher or halal

Milk, Butter, Butterfat, milk powders can be kosher or halal as long as they are from controlled halal/kosher sources.

Logo wise Halal does not differentiate. Kosher Dairy comes with the letter D (Kosher Chalev).
Dairy & more… Kosher and/or halal?
Explanation.

Fruit is Kosher and Halal
Any kind of alcohol is not Halal.
Wine is Kosher if made under rabbinical supervision
Milk (products) are Kosher and Halal if prepared URS
Chocolate is not Kosher nor halal if not supervised as it could contain milk (traces).
Pure chocolate also not. Potentially produced on a non-kosher production line.
Religious Foods laws – Alcohol

- Grape products (restriction against product of idolatry).
- Wine was commonly used in the rituals of all ancient religions. For this reason, use of wines and other grape products made by non-Jews was prohibited.
- Muslims will not consume alcohol at all.
- Whole grapes are not a problem, nor are whole grapes in fruit cocktail. Considered as fruit.
TRANSPORT, STORAGE & EQUIPMENT
Utensils (pots, pans, plates, etc.) must be religious clean in order to prepare a meal.

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KOSHER/ HALAL Transport

Producer A is Kosher/halal

Receiver B is Kosher/halal

CONTROL of TRANSPORT

• Kosher truck
• 3 previous

Agricultural Material(seeds/crude oils) = kosher and halal compliance
Producer A is Kosher/halal

Receiver B is Kosher/halal

Supply to A also kosher/halal = Supply Chain control
EXTERNAL STORAGE

- Kosher truck
- 3 previous

Producer Kosher/halal

Receiver Kosher/halal

3rd Party storage
EXTERNAL OPSLAG

- Kosher truck
- 3 previous

Producer Kosher/halal

3rd Party NOT Kosher/halal

Receive Kosher/halal
Religious Foods laws – Wrong Transport

Seagoing vessels stows 5 compartments of which 1 with Tallow olein, 4 with CPO.
Ship has combined boiler system.
Compartments share metal wall construction.

Small leakage in wall construction or heating system might contaminate CPO compartments.
Religious Foods laws – Right Transport

No shared boiler systems.
Compartment do not share metal wall construction.

Avoid contamination at any stage. Transport/ storage/ production/ transport....
Religious Foods laws – Right Transport

- Use Kosher trucks if possible
- Else trucks were 3 previous cargoes are “Kosher neutral”.
  - no animal
  - no dairy
  - no alcohol
  - no chocolate compounds

For Halal no hard requirements regarding transport. Advise to follow kosher rules.
Summary

Avoid Contamination

- in supply chain, storage, process and transport.

Transport

- Dedicated trucks or
- Paper give up of 3 previous cargoes

Storage

- Mind tank/equipment status when external storage is used

Process

- Mind status of processing aids and additives
What if no kosher nor halal is available?

If one is forced because there is no other choice, neither craving nor transgressing, there is no sin on him. *Surah 2:173*

We have agreed in the case of saving a soul he may be given to eat even unclean things, until his eyes are lightened from death". *Talmud, for instance B. Yoma 83a*
Kosher & Halal....

Questions?
ANSWERS TO THE CASE STUDIES

PLEASE DISTRIBUTE THEM SEPERATELY AFTER THE PRESENTATION AND DO NOT INCLUDE IN THE HANDOUT.
CASE 1

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**Indicate below what you think needs to be taken into account?**

- X Kosher/Halal certificates of all suppliers and ingredients
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- Approval from rabbi before re-packing
- Blessing of the material after re-packing
  - Use only kosher trucks (or halal trucks) for supply raw materials.
- X Move packing of Tallow our of your plant

- Kosher cleaning certificate of truck that supplies the oil
- Certified employees
- Certified packaging material
- Kosher storage tanks
- Halal storage tanks
- X Run Kosher & Halal cleaning for your plant
- Source Kosher & Halal certified Tallow
### CASE 3

You are a transport company and often, but not solely, transport refined oils and fats.

One of your customers requires a kosher transport and another one requires a halal transport.

**What options do you have?**

| Option                                                                 |
|------------------------------------------------------------------------|---|
| Rabbinical/Imam supervision during loading                             |   |
| Approval from rabbi to use the truck                                  | X |
| Sealing of truck by rabbi                                             |   |
| Sealing of truck by Imam                                              |   |
| Certified truck driver                                                |   |
| Check with your customer if previous cargoes are compatible           | X |
| Apply P26 cleaning of truck for each transport                        |   |

- X Kosher cleaning (certificate) of truck
  - Halal cleaning of the truck
  - Use Kosher certified trucks
  - Use Halal certified trucks