Physical hazards
Hazard Analysis

Hazards can originate from environment, farming, processing.

- Chemical hazards
- Physical hazards
- Microbiological hazards
Physical hazards

Foreign bodies:

• Glass, wood, plastic and metal from equipment and premises

• Miscellaneous foreign bodies: from teats during milking, from personnel and visitors (like buttons, jeweler, coins, pens, hair, nail varnish, ...)

Teacheesy
Foreign bodies: glass, plastic and metal from equipment and premises
Foreign bodies: glass, plastic and metal from equipment and premises

Hazard

• Splinters or fragments from damaged equipment or broken items pose a serious risk to human health.

• (Fragments of) packaging from starter cultures and other ingredients may pose a choking hazard.

Preventive measures

• Maintain premises and equipment in good condition.

• Check whether glass and metal components are intact before and after production.

• Glass breakage should be recorded and production suspended while breakage is cleaned up. Potentially contaminated product should be destroyed. Protective clothing should be changed after cleaning up glass breakage.

• Dispose of packaging material of starter cultures and other ingredients immediately after use.
Miscellaneous foreign bodies

Hazard

• Grass and dirt from the teat.

Preventive measures

• Careful preparation of the teat for milk, filtration of the milk.
Miscellaneous foreign bodies

Hazard

• Excrements from pests or other pest activity.

Preventive measures

• Protect production and storage area from pests, including flying insects.
• Inspect ingredients and packaging upon receipt.
Miscellaneous foreign bodies

Hazard

• Parts or components from damaged or unsuitable food contact materials.

Preventive measures

• Inspect ingredients and packaging upon receipt.
• Use appropriate food contact materials.
Miscellaneous foreign bodies

Hazard
• Items from personnel or visitors like buttons, jewellery, coins, pens, hair.

Preventive measures
• Follow a documented ‘Staff and Visitor Hygiene policy’, see GHP Staff Hygiene and Training.
• Ensure that clean protective clothing is used.
Summary: physical hazards

Foreign bodies:

- **Glass**, wood, plastic and **metal** from equipment and premises

- Miscellaneous foreign bodies: from teats during milking, from personnel and visitors (like buttons, jewelry, coins, pens, hair, nail varnish, ...)

Most significant for farmhouse and artisan cheese and dairy production