

1. Product and Company Identification

Product name (not exclusive):

ACO Gully; AS301 Bespoke Solutions; Eurogully; Modular 125; Q-Brake; Q-Brake Vortex flow control system; Q-Plate; Shower Channel; StepDrain.

Approved Use:

The intended use of these products is for the collection and conveyance of surface water from areas subject to pedestrian and/or vehicular traffic. Rainwater forms the main application of these systems.

Supplier:

ACO Technologies plc
ACO Business Park, Hitchin Road, Shefford, Beds SG17 5TE
Telephone: 01462 816666

2. Hazards Identification

Hazard Category Means of entering the body	Non-Hazardous
Inhalation	No
Skin/Eye	No
Swallowed	No
Injected	No

Exposure Risk:

The products are non-hazardous in normal use.

Stainless steel fabrications may present sharp edges and corners which could cause cuts to the hands during handling. Also since the surface may be smooth or polished it may not be easy to grip securely.

Cuttings, grinding, drilling or similar operations may give rise to respirable dust which, if inhaled in excessive quantities over an extended period, could present a health risk. These operations could also cause particles to be projected at speed which could cause impact damage to the eyes.

The possibility of the generation of sparks during grinding operations could be hazardous in the presence of flammable materials.

3. Composition/Information on Ingredients

Composition:

These products are manufactured from stainless steel, referred to as Stainless Steel grade 304 or 316, which forms the bulk of the product. They may be supplied with components made of rubber or plastic material.

Stainless steels are iron based alloys containing a minimum of 10.5% Chromium. The stainless properties are due to the formation of an invisible and adherent chromium rich oxide film at the surface.

ACO Stainless fabrications are manufactured in both 304 and 316 stainless steels depending upon the application.

AISI 304 – Fe/CR18/Ni10

AISI 316 – Fe/CR18/Ni10/Mo3.

4. First Aid Measures

There is no immediate medical risk associated with the use of stainless steel products.

INHALATION OF DUST: Remove the person to fresh air and seek medical assistance in the case of breathing difficulties.

CUTS AND ABRASIONS TO THE SKIN: Clean any wound thoroughly and apply a sterile dressing. Seek medical assistance if bleeding or irritation persists.

EYES: In the event of dust or fragments entering the eye, avoid rubbing the eye. Flush out with copious quantities of clean water or saline eye-wash solution. Seek medical assistance if any irritation persists.

5. Fire Fighting Measures

FIRE RISK: Stainless steel products are non-flammable.

FIRE FIGHTING PROCEDURES: Any fire fighting procedures should take into account the nature of any surrounding materials.

EXTINGUISHING MEDIA: According to surrounding material.

6. Accidental Release measures

Not Applicable.

7. Handling and Storage

HANDLING: The use of cut-resistant gloves and safety footwear is recommended whenever the products are handled manually.

Good manual handling techniques should always be practised to avoid problems such as back and shoulder strains when lifting. In the case of heavier products suitable mechanical lifting equipment should be employed wherever possible.

Eye protection together with suitable dust masks or other respiratory protection should be worn whenever cutting or grinding operations are necessary.

STORAGE: Care should be taken to ensure that stacks are stored on level ground and that the weight and shape of the product is taken into account to ensure stable stacking

8. Exposure Controls/Personal Protection

Wear protective gloves and footwear during manual handling.

Wear dust mask and eye protection during cutting or grinding operations.

Use lifting equipment for heavier items.

9. Physical and Chemical Properties

APPEARANCE AND ODOUR: Shiny silver coloured metal; generally odourless.

OTHER PHYSICAL PROPERTIES: Density (kg/l): 7.95

Melting Point (°C): ~1400.

10. Stability and Reactivity

Stable under normal conditions.

Articles fabricated from stainless steel may not be suitable for use in contact with some mineral acids or other chemical materials. Its chemical resistance should always be checked before specifying its use.

11. Toxicological Information

Not toxic when used for intended purpose.

12. Ecological Information

No known effects.

13. Disposal Considerations

May be disposed of in accordance with local regulations. Ideally it should be treated as scrap for reclamation

14. Transport Information

Not classified.

15. Regulatory Information

Not applicable.

16. Other Information

This Material Safety Data Sheet (MSDS) is furnished to the immediate purchaser of the product to which it refers without representation or warranty as to the completeness or accuracy of any information or recommendations contained herein. This MSDS is not intended to create liability of any kind on the part of ACO Technologies plc.

In no event will ACO be responsible for any death, injury, or damage of any nature whatsoever resulting from the use or misuse of, or reliance upon, the MSDS or material to which it refers.