


Sulfamic acid

also known as amidosulfonic acid,
sulfamidic acid

Substance	Hazard	Comment
Sulfamic acid (amidosulfonic acid, sulfamidic acid) <i>Solid and most solutions (if 1.0 M or more)</i>	 IRRITANT	WARNING: Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.
Sulfamic acid (amidosulfonic acid, sulfamidic acid) <i>(if less than 1.0 M)</i>	Currently not classified as hazardous	Solutions have very low pH. Dilute acid may still cause irritation to the eyes or the skin. Treat as for more concentrated samples.

Typical control measures to reduce risk

- Wear eye protection - goggles for solid and more concentrated acids.
- Use the lowest concentration possible.
- Use the smallest volume possible.

Assessing the risks

- What are the details of the activity to be undertaken? What are the hazards?
- What is the chance of something going wrong?
eg specks of solid transferred into the eye by rubbing with a contaminated finger.
- How serious would it be if something did go wrong?
eg the skin and eyes can be seriously burned if not treated quickly.
- How can the risk(s) be controlled for this activity?
eg can it be done safely? Does the procedure need to be altered? Should goggles or safety spectacles be worn?

Emergency action

In all emergency situations, alert the responsible adult immediately. Be aware that actions may include the following:

- In the eye Irrigate the eye with gently running tap water for at least 20 minutes. Call 999/111.
- In the mouth/swallowed Do no more than rinse and spit with drinking water. Do **not** induce vomiting. Call 999/111.
- Spilt on the skin or clothing Remove contaminated clothing. Irrigate the affected area with gently running tap water for at least 20 minutes. Call 999/111 as appropriate.
- Spilt on the floor, bench, etc Wipe up small amounts with a damp cloth and rinse it well.
For larger amounts, and especially for (moderately) concentrated acid, cover with mineral absorbent (eg cat litter) and scoop into a bucket. Neutralise with sodium carbonate. Rinse with plenty of water.