BLITZ

1. IDENTIFICATION OF THE SUBSTANCE /PREPARATION AND OF THE COMPANY /UNDERTAKING

PRODUCT NAME: BLITZ

Supplier: Gems Hygiene Supplies
The Business Centre
251 Sharrowvale Road
Sheffield
S11 8ZE

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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

- Skin Corr. 1A

2.2 Label elements

- Signal Word: Danger
- Symbols: C
- Hazard phrases
  H314 - Causes severe skin burns and eye damage.
- Precautionary Phrases
  P280 - Wear protective gloves/protective clothing/eye protection/face protection.
  P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
  P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
  P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
  P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  P313 - Get medical advice/attention.
- Risk Phrases
  R35 - Causes severe burns
- Safety Phrases
  S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
  S30 - Never add water to this product
  S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

- sulphuric acid ... %
  Concentration: 96%
  CAS Number: 7664-93-9
  EC Number: 231-639-5
  R/H Phrases: H314, R35
  Symbols: GHS05, C

4. FIRST AID MEASURES

4.1 Description of first aid measures

- P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Seek immediate medical attention
- P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Seek immediate medical attention
- P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Seek immediate medical attention
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Seek immediate medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Causes severe skin burns and eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symtomatically

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

- S43 - In case of fire use alcohol resistant foam
- S43 - In case of fire use carbon dioxide or dry agent
- S43 - In case of fire use water fog

5.2 Special hazards arising from the substance or mixture

- Thermal decomposition will evolve toxic vapours.(Sulphur Oxides)

5.3 Advice for firefighters

- Wear chemical protection suit and self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- Ensure adequate ventilation of the working area.
- Evacuate personnel to a safe area.
- Wear suitable protective equipment.

6.2 Environmental Precautions

- Do not allow product to enter drains.
- Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up

- Absorb with inert, absorbent material.
- Transfer to suitable, labelled containers for disposal.
- Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

- Avoid contact with eyes and skin.
- Ensure adequate ventilation of the working area.

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated area.
- Keep containers tightly closed.

7.3 Specific end use(s)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.2 Exposure controls

- Engineering measures: Ensure adequate ventilation of the working area.
- Respiratory protection: Wear: Self-contained breathing apparatus.
- Hand Protection: Chemical resistant gloves (PVC).
- Eye Protection: Approved safety goggles.
- Protective equipment: Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Description: Liquid.
- Colour: Red.
- Odour: Odourless.
- pH: <1
- Boiling point: 330°C
- Flammable limits: Not flammable.
- Relative density: 1.84
- Water solubility: Miscible in water.
- Freezing point: -10°C

9.2 Other information

10. STABILITY AND REACTIVITY

10.1 Reactivity

- Corrosive action on metals.
- R14 - Reacts violently with water
- Reacts with alkali

10.2 Chemical stability

- Stable under normal conditions.

10.3 Possibility of hazardous reactions

- R14 - Reacts violently with water
- Will not polymerise.

10.4 Conditions to avoid

- Avoid contact with metals
- Avoid contact with water
- Avoid overheating

10.5 Incompatible materials

- Strong oxidising agents
- Reducung agents.
- Amines.
- Contact with alkalis (strong bases) liberates toxic gas
- Chlorates
- Contact with metals liberates flammable gas
- Nitrates

10.6 Hazardous Decomposition Products

- Decomposition products may include sulphur oxides

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

- Acute toxicity:
- Corrosivity: Causes severe burns.
- Sensitization: The substance has not been tested at all for this end point, so its hazardous property in this regard is not known.
- Repeated or prolonged exposure:
- Reproductive toxicity: The substance has not been tested at all for this end point, so its hazardous property in this regard is not known.
- Carcinogenicity
  The substance has not been tested at all for this end point, so its hazardous property in this regard is not known.
- Mutagenicity
  The substance has not been tested at all for this end point, so its hazardous property in this regard is not known.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

- Dangerous for the environment if discharged into watercourses.
- LC50 (fish) 42 mg/l 96 hr)
- EC50 (Daphnia magna) 29 mg/l (48 hr)

12.2 Persistence and degradability

- Will disperse as ions.

12.3 Bioaccumulation Potential

- Not expected to bioaccumulate.

12.4 Mobility in soil

- Soluble in water.

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

- General information: Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

14.1 UN Number

- 1830

14.2 UN Proper Shipping Name

- SULPHURIC ACID >51%

14.3 Transport hazard class(es)

- 8

14.4 Packing group

- 11

14.5 Environmental hazards

14.6 Special precautions for user

- IATA Packing Instructions (CARGO): 813 - Maximum Quantity: 30 L
- IATA Packing Instructions (PASSENGER): 809 - Maximum Quantity: 1 L

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

14.8 Emergency Action Code

- Proper Shipping Name:
- EAC:

14.9 Sea (IMDG)

- Proper Shipping Name:
- IMDG UN No.:
- IMDG Hazard Class:
- IMDG Pack Group.: II
- IMDG MFAG:

14.10 Air (ICAO/IATA)

- Proper Shipping Name: SULPHURIC ACID
- ICAO Un No.: 1830
- ICAO Hazard Class: 8
- ICAO Packing Group: II

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 Chemical Safety Assessment

16. OTHER INFORMATION

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H314: Causes severe skin burns and eye damage. R35: Causes severe burns.

Further information: The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. The information is correct to the best of our knowledge and belief at the date of publication, however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.