
SAFETY DATA SHEET
ACIFILM™

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: ACIFILM™

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: Detergent for professional use.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: QJS (UK) Ltd
- Address of Supplier: Saxilby Enterprise Park, Lincoln, LN1 2LR
- Telephone: 01522 703703
- Email: sales@foodclean.com

1.4 Emergency telephone number

- Emergency Telephone: 01978 434877

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Acute Tox. 4, Skin Corr. 1A

2.2 Label elements



- Signal Word: Danger

Hazard statements

Harmful if inhaled.
Causes severe skin burns and eye damage.

Precautionary statements

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Do not breathe dust/fume/gas/mist/vapours/spray.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Wear protective gloves/protective clothing/eye protection/face protection.
Call a POISON CENTRE or doctor if you feel unwell.
Wash hands thoroughly after handling.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Wash contaminated clothing before reuse.
Use only outdoors or in a well-ventilated area.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or

SECTION 2: Hazards identification (....)

shower].

Store locked up.

2.3 Other hazards

- Contains: nitric acid ... %, benzenesulphonic acid
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SECTION 3: Composition/information on ingredients**3.2 Mixtures**

nitric acid ... %

CAS Number: 7697-37-2

EC Number: 231-714-2

REACH Registration Number: 01-2119487297-23-xxxx

Concentration: 20 - 30%

Specific Concentration Limits: Ox. Liq. 2; H272: $C \geq 99 \%$

Ox. Liq. 3; H272: $65 \% \leq C < 99 \%$

Skin Corr. 1A; H314: $C \geq 20 \%$

Skin Corr. 1B; H314: $5 \% \leq C < 20 \%$

Benzenesulphonic acid, 4-C10-13-sec-alkyl derivs.

CAS Number: 85536-14-7

EC Number: 287-494-3

REACH Registration Number: 01-2119490234-40-xxxx

Concentration: 10 - 20%

nitric acid ... %

Categories: Ox. Liq. 2, Met. Corr. 1, Acute Tox. 3, Skin Corr. 1A, Eye Dam. 1

Symbols: GHS03;GHS05;GHS06

H Statements: H272, H290, H314, H318, H331

Benzenesulphonic acid, 4-C10-13-sec-alkyl derivs.

Categories: Acute Tox. 4, Skin Corr. 1C, Eye Dam. 1, Aquatic Chronic 3

Symbols: GHS05;GHS07

H Statements: H302;H314;H318;H412

SECTION 4: First aid measures**4.1 Description of first aid measures**

- After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

SECTION 4: First aid measures (....)

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
- When in doubt or symptoms persist, seek medical attention
- Call a POISON CENTRE or doctor if you feel unwell.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes, skin and mucous membranes
- Possible blistering of the skin of affected areas
- Risk of serious damage to eyes

4.3 Indication of any immediate medical attention and special treatment needed

- In case of burns immediately cool affected skin as long as possible with cold water
 - Remove contaminated clothing immediately and drench affected skin with plenty of water
 - Obtain immediate medical attention
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SECTION 5: Firefighting measures**5.1 Extinguishing media**

- In case of fire use water, foam, carbon dioxide or dry agent

5.2 Special hazards arising from the substance or mixture

- No information available

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

- Wear protective clothing as per section 8

6.2 Environmental precautions

- Do not empty into drains
- Do not flush spilt material into any public water system
- Use appropriate containment to avoid environmental contamination

6.3 Methods and material for containment and cleaning up

- Absorb spillage in suitable inert material
- Collect as much as possible in clean container for reuse or disposal
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

- See Section 13 for waste treatment information
- See Section 8 for information on PPE
- See Section 13 for waste treatment information

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid contact with skin and eyes
- Do not breathe spray/mists
- Do not mix with any other products
- Ensure adequate ventilation
- Eyewash bottles should be available
- In case of accident by inhalation: remove casualty to fresh air and keep at rest
- Proper chemicals handling procedures should be adopted
- Call a POISON CENTRE or doctor if you feel unwell.
- Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well ventilated place
- Do not store in direct sunlight
- Protect from frost
- Store locked up.

7.3 Specific end use(s)

- No information available
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

nitric acid ... %

DNEL (Consumer; inhalational, long term local effects): 1.3 mg/m³
DNEL (Consumer; inhalational, short term local effects): 1.3 mg/m³
DNEL (Industry; inhalational, long term local effects): 2.6 mg/m³
DNEL (Industry; inhalational, short term local effects): 2.6 mg/m³
TLV (STEL): 1 ppm 2.6 mg/m³

Benzenesulphonic acid, 4-C10-13-sec-alkyl derivs.

DNEL (Consumer; dermal, long term systemic effects): 42.5 mg/kg

nitric acid ... %

Benzenesulphonic acid, 4-C10-13-sec-alkyl derivs.

DNEL (Consumer; inhalational, long term systemic effects): 1.5 mg/m³
DNEL (Consumer; oral, long term systemic effects): 0.425 mg/kg
DNEL (Industry; dermal, long term systemic effects): 85 mg/kg

8.2 Exposure controls

- Engineering controls should be provided which maintain airborne concentrations as low as practicable
- In case of insufficient ventilation, wear suitable respiratory equipment
- Wear goggles giving complete eye protection
- Wear suitable gloves

SECTION 8: Exposure controls/personal protection (....)

- Wear suitable protective clothing
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: liquid
- Colour: pale amber
- Odour: Characteristic odour
- Melting point/Range: not applicable
- Boiling Point/Range: not available
- Flammability: Non-flammable
- pH: 1
- Solubility in water: Completely soluble in water
- Density: 1.14 +/- 0.2
- Flashpoint: >93°C

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

- If exposed to light, substance may discolour with time
- No hazardous reactions known if used for its intended purpose
- This article is considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat and sources of ignition
- Keep cool. Protect from sunlight.

10.5 Incompatible materials

- DO NOT MIX WITH ANY OTHER CHEMICALS
- Avoid contact with soft metals unless advised otherwise

10.6 Hazardous decomposition products

- Decomposition products may include hydrogen
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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

SECTION 11: Toxicological information (....)

Estimated LD₅₀ (oral) (ATE) : 3968.254 mg/kg

Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg

Estimated LD₅₀ (inhalational) (ATE) : 12.98701 mg/l/4hr (gas/vapour)

nitric acid ... %

LCLo (inhalation, rat): 2.65 mg/l

Benzenesulphonic acid, 4-C10-13-sec-alkyl derivs.

LD₅₀ (oral, rat): >300 - 2000 mg/kg

LD₅₀ (skin, rat): >2000 mg/kg

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory or skin sensitisation

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT (specific target organ toxicity) - single exposure

STOT (specific target organ toxicity) - repeated exposure

Aspiration hazard

11.2 Information on other hazards

SECTION 12: Ecological information

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

12.6 Endocrine disrupting properties

12.7 Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
 - Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
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SECTION 14: Transport information

DOT Proper Shipping Name: CORROSIVE LIQUID, N.O.S.

14.1 UN number or ID number

- UN No.: 1760

14.2 UN proper shipping name

- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 8

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

14.6 Special precautions for user

- Contains: nitric acid ...%, benzenesulphonic acid

14.7 Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006

15.2 Chemical safety assessment

- A chemical safety assessment is not required under REACH
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H272: May intensify fire; oxidiser. H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H331: Toxic if inhaled. H412: Harmful to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information

SECTION 16: Other information (....)

and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

--- end of safety datasheet ---
