

Product: pH8 Aqueous stabilizer

Safety data sheet.

pH8 Aqueous stabilizer

Section 1. Identification of the substance/mixture & of the Company/undertaking**1.1. Product identifier.**

Product Name :pH8 Aqueous stabilizer
Product no. pH8
Alkaline liquid

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

Identified uses. Professional use.
Aqueous stabilizer solution for use on surfaces prior strain gauge application.

1.3. Details of the supplier of the safety data sheet.

Supplier. Gauge Factors Ltd. 3 Towergate Ind Park, Colebrook Way, Andover, Hants. UK SP10 3BB

1.4. Emergency telephone number.

+44(0)1264 336396 between 8.30 - 4.30 Mon – Fri
Email: sales@gaugefactors.com

Section 2. Composition/Details on Constituents

2.1 Classification of the substance or mixture. This product is not classified under the chemicals (hazard information and packaging for supply) regulations as amended.

2.2 Label elements.

Signal word. Mild Irritant.

Hazard statements. Contains components classified as irritant. (section 2.3)

Precautionary statements. None

2.3. Other hazards**2.3.1. Hazardous components in product of EC :**

2.3.2: Name: Propan-2-ol CAS/EINEC: 67-63-0/200-6661-7

R Phrases: R36, irritation to eyes. R67 Vapours may cause drowsiness & dizziness. R11 High Flammable.

Classification: High flammable. Irritant.

Cont % <1%

2.3.3. Name: Sodium Bicarbonate - Solution. CAS/EINEC: 144-55-8/205-633-8.

Classification: Non hazardous substance. According to GHS.

Hazard statements: None

Precautionary statements: None

Potential health: Eyes may cause irritation.

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Skin: May be harmful if absorbed through skin. Causes skin irritation.

Ingestion: May be harmful if swallowed.

OSHA hazards: No known OSHA hazards.

Target organs. None

Signal Word: None

Pictograms: None

NFPA Ratings

Product: pH8 Aqueous stabilizer

Health	1
Flammability	0
Reactivity	0
Specific hazard	Not available

HMIS Ratings

Health	1
Flammability	0
Reactivity	0
Specific hazard	Not available

Section 3. Composition/information on ingredients

Component	Weight %	CAS #	EINECS # / ELINCS #	Formula
Sodium Bicarbonate	0.1	144-55-8	205-633-8	NaHCO ₃
Water	Balance	7732-18-5	231-791-2	H ₂ O
Propan-2-ol	<1.0	67-63-0/	200-6661-7	C ₃ H ₈ O

Section 4. First Aid Measures

4.1. Description of first aid measures.

Eye contact: Rinse with plenty of water for at least 15 min. Seek medical attention if necessary.

Skin contact: Flush with plenty of water wash using soap. Seek medical advice if any irritation persists.

Inhalation: N/A

Ingestion: Seek medical advice immediately. Give 0.2 litres of water drink. Do not induce vomiting.

4.2 Most important symptoms and effects both acute and delayed.

None available

4.3. Indication of any immediate medical attention and special treatment needed.

None available

Section 5. Fire Fighting Measures.

5.1. Extinguishing media.

Product is not flammable.

5.2 Special hazards arising from the substance or mixture.

Emits toxic fumes (sodium oxides, carbon oxides) under fire conditions.

5.3 Advice for fire fighters.

Protection during firefighting: Do not enter fire area without proper protective equipment including respiratory protection.

Section 6. Accidental Release Measures.

6.1 personal precautions, protective equipment and emergency procedures.:

See section 8.

6.2. Environmental precautions.

Dispose of wipes responsibly. Do not flush into waterways.

6.3. Methods and material for containment and cleaning up.

Absorb spills with non-combustible absorbent material.

Product: pH8 Aqueous stabilizer

6.4. Reference to other sections. Section 8

Section 7. Handling & Storage.

7.1. Precautions for safe handling.

Avoid contact with skin and eyes. Adequate ventilation. Wash thoroughly after using. Keep container closed when not in use.
Avoid formation of aerosols

7.2. Conditions for safe storage, including any incompatibilities.

Protect from extremes of temperature and store out of direct sunlight.
Technical condition(s): Bulk storage N/A

7.3. Specific end use(s)

No information available.

Section 8. Exposure Controls/ Personal Protection

8.1. Control parameters

Propan-2-ol:

Long term exposure limit: (8 hour TWA): WEL 400ppm 999 mg.m³

Short term exposure limit (15 minute): WEL 500 ppm 1250 mg/m³

WEL = Workplace exposure limit.

Sodium Bicarbonate:

ACGIH, NIOSH, OSHA_Final PELs: None listed

8.2. Exposure controls:



Protective equipment:

Process conditions: Provide adequate ventilation

Engineering measures: Avoid large spillages.

Respiratory equipment: No specific recommendation.

Hand protection: Use of Nitrile gloves EN374-2

Eye protection: Protective glasses.

Other protection: None specified.

hygiene measures: Wash hands after use.

Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties.

Appearance: Liquid

Colour: Clear/opaque

Odour: None

9.2. Other information.

None available.

Section 10. Stability and Reactivity.

Product: pH8 Aqueous stabilizer

- 10.1. Reactivity. Reacts with strong acids.
10.2. Chemical stability. Stable
10.3. Possibility of hazardous reactions. Decomposes by reaction with acids.
10.4. Conditions to avoid. None known
10.5. Incompatible materials. None known
Materials to avoid
10.6. Hazardous decomposition products. Carbon monoxide, Carbon dioxide.

Section 11. Toxicological Information.

11.1 Information on toxicological effects.
Toxicological information.

Toxicological information on ingredients. Based on available data the classification criteria not met on all aspects.

12. Ecological Information.

Eco-toxicity: Not regarded as dangerous to the environment.
Toxicity: Based on available data the classification criteria are not met.
Persistence and degradability: Substance is readily bio-degradable.
Bio-accumulative potential: No data available.

13. Disposal Considerations.

Dispose of in accordance with local and national regulations.

14. Transport Information.

U.N. Number	N/a
Air transport IATA	N/a
Class	None
Packaging group	None
Sea IMO	None
Road ADR/Rail (RID)	None

15. Regulatory Information.

Symbols:	Irritant
Risk phrases:	IPA R38, Irritating to skin. .
Safety phrases:	S28, After contact with skin wash immediately with plenty of soap and water
Water hazard:	S62, If swallowed do not induce vomiting. Seek Medical advice immediately and show this container or label.
CAS # Sodium bicarbonate solution CAS# 144-55-8	CAS# Propan-2-ol. CAS# 67-63-0. EC# 200-661-7 REACH# 01-2119-457-558-25-xxxx

16. Other Information.

Product: pH8 Aqueous stabilizer

16. Other information:

This product Safety data sheet was prepared in compliance with Commission Directive 91/155/EEC, 67/548/EEC and 1999/45/EC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

This product should only be used as stated in Gauge Factors Ltd Literature. It is the responsibility of the persons in receipt of this Safety; Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in to contact with the product, If the recipient subsequently produces a formulation containing the Gauge Factors Ltd product, it is the recipients sole responsibility to ensure the transfer of all relevant information from the Gauge Factors Ltd Product Safety Data Sheet to their own product Safety Data Sheet in compliance with Commission directive 1999/45/EC.

All sections of this Safety Data Sheet have been amended since the previous version.

All information and instructions provided in the Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Gauge Factors Ltd shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

N/k = not known
N/a = not applicable
N/d = not determined

Disclaimer: The information provided in this Safety data sheet is consistent with the information in the Chemical safety report, as far as this information was available at the time of compilation.

The information of this safety data sheet is based on the present state of our knowledge and on current EC and national laws, as the users' working conditions are beyond our knowledge and control. The user is always responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this Safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The information provided relates only to the specific product designated and may not be valid for such product used in combination with any other product. The product must not be used for any purposes other than those specified without first obtaining written handling instructions.