

SAFETY DATA SHEET

PAA 5

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

1.1. Product identifier

Product name	PAA 5
Product number	3213
Container size	25L / 200L / 1000 IBCs and Bulk

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

Identified uses	A powerful liquid terminal disinfectant containing 5% Peracetic Acid for use in the food & beverage industries.
-----------------	---

1.3. Details of the supplier of the safety data sheet

Supplier	SKY AGRO LTD UNIT C, WEST MARCH INDUSTRIAL ESTATE, DAVENTRY NORTHAMPTON, NN11 4SA UK info@skymalt.com
----------	---

1.4. Emergency telephone number

Emergency telephone	+44 7868 494791
---------------------	-----------------

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards	Ox. Liq. 3 - H272
Health hazards	Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1A - H314 Eye Dam. 1 - H318 STOT SE 3 - H335
Environmental hazards	Not Classified

2.2. Label elements

Pictogram



Signal word

Danger

PAA 5

Hazard statements	H272 May intensify fire; oxidiser. H302+H332 Harmful if swallowed or if inhaled. H314 Causes severe skin burns and eye damage. H335 May cause respiratory irritation.
Precautionary statements	P261 Avoid breathing vapour/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Contains	Hydrogen Peroxide Solution 100%, Acetic Acid 100%, Peracetic Acid 100 %
Supplementary precautionary statements	P260 Do not breathe vapour/spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P321 Specific treatment (see medical advice on this label). P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Acetic Acid 100% CAS number: 64-19-7 EC number: 200-580-7	10-30%
Classification Flam. Liq. 3 - H226 Skin Corr. 1A - H314 Eye Dam. 1 - H318	
Hydrogen Peroxide Solution 100% CAS number: 7722-84-1 EC number: 231-765-0	10-30%
Classification Ox. Liq. 1 - H271 Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1A - H314	

PAA 5

Peracetic Acid 100 %	5.0%
CAS number: 79-21-0	EC number: 201-186-8
M factor (Acute) = 1	
Classification Flam. Liq. 3 - H226 Org. Perox. D - H242 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1A - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Chemical burns must be treated by a physician.
Inhalation	Remove person to fresh air and keep comfortable for breathing. For breathing difficulties, oxygen may be necessary. Keep affected person under observation. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If breathing stops, provide artificial respiration. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention immediately.
Skin contact	Remove contaminated clothing and rinse skin thoroughly with water. Continue to rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist after washing. Wash clothing and clean shoes thoroughly before reuse.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes and get medical attention. If in doubt, get medical attention promptly.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system. Shortness of breath. Burning sensation in the throat May cause coughing and difficulties in breathing.
Ingestion	This product is corrosive. May cause chemical burns in mouth, oesophagus and stomach. Blood may be vomited There may be bleeding from the mouth and/or nose. May cause severe internal injury.
Skin contact	This product is corrosive. Blistering may occur. May cause serious chemical burns to the skin. Progressive ulceration will occur if treatment is not immediate
Eye contact	Causes serious eye damage. Corneal damage. May cause permanent damage.

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

Notes for the doctor	Treat symptomatically.
-----------------------------	------------------------

SECTION 5: Firefighting measures

PAA 5

5.1. Extinguishing media

Suitable extinguishing media Water spray, foam, dry powder or carbon dioxide. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Oxidising. Corrosive. In combustion emits toxic fumes.

5.3. Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Do not touch or walk into spilled material.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Do not touch or walk into spilled material. Collect and place in suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with local regulations. Flush away spillage with plenty of water.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not handle until all safety precautions have been read and understood. Avoid direct contact with the substance. Provide adequate ventilation. Do not use in confined spaces without adequate ventilation and/or respirator.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in a cool and well-ventilated place. Keep container tightly closed.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Hydrogen Peroxide Solution 100%

Long-term exposure limit (8-hour TWA): WEL 1 ppm 1.4 mg/m³

Short-term exposure limit (15-minute): WEL 2 ppm 2.8 mg/m³

WEL = Workplace Exposure Limit

8.2. Exposure controls

PAA 5

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles and face shield.

Hand protection

Wear protective gloves.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear footwear made of the following material: Polyvinyl chloride (PVC). Wear an apron and protective sleevelets made of the following material: Polyvinyl chloride (PVC). Provide eyewash station and safety shower.

Respiratory protection

Gas filter, type E. If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless.
Odour	Pungent.
pH	pH (concentrated solution): 2 -4
Initial boiling point and range	110°C @
Flash point	80°C
Relative density	1.1 - 1.2

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable under recommended transport or storage conditions
------------	--

10.2. Chemical stability

Stability	Stable under the prescribed storage conditions.
-----------	---

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur.
------------------------------------	--

10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
---------------------	---

10.5. Incompatible materials

Materials to avoid	Reducing agents. Strong acids. Some metals. Powdered metal. Flammable/combustible materials.
--------------------	--

10.6. Hazardous decomposition products

Hazardous decomposition products	Corrosive. In combustion emits toxic fumes.
----------------------------------	---

PAA 5

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 1,771.85

Acute toxicity - dermal

ATE dermal (mg/kg) 22,000.0

Acute toxicity - inhalation

ATE inhalation (gases ppm) 18,000.0

ATE inhalation (vapours mg/l) 44.0

ATE inhalation (dusts/mists mg/l) 6.0

SECTION 12: Ecological Information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3149

UN No. (IMDG) 3149

UN No. (ICAO) 3149

UN No. (ADN) 3149

14.2. UN proper shipping name

Proper shipping name (ADR/RID) HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED

Proper shipping name (IMDG) HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED

Proper shipping name (ICAO) HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED

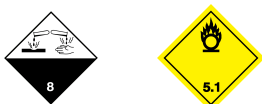
PAA 5

Proper shipping name (ADN) HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED

14.3. Transport hazard class(es)

ADR/RID class	5.1
ADR/RID subsidiary risk	8
ADR/RID classification code	OC1
ADR/RID label	5.1
IMDG class	5.1
IMDG subsidiary risk	8
ICAO class/division	5.1
ICAO subsidiary risk	8
ADN class	5.1
ADN subsidiary risk	8

Transport labels



14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ADN packing group	II
ICAO packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS	F-H, S-Q
ADR transport category	2
Emergency Action Code	2P
Hazard Identification Number (ADR/RID)	58
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
----------------	--

15.2. Chemical safety assessment

PAA 5

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	Only trained personnel should use this material.
Revision date	28.01.2026
Revision	1
Supersedes date	
SDS number	4679
Risk phrases in full	R35 Causes severe burns.
Hazard statements in full	H226 Flammable liquid and vapour. H242 Heating may cause a fire. H271 May cause fire or explosion; strong oxidiser. H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H332 Harmful if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.