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PRODUCT DATA & COSHH INFORMATION SHEET

1) IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY UNDERTAKING

PRODUCT NAME OW1 STAYFRESH PRODUCE SPRAY
ANTIBACTERIAL SPRAY FOR USE WITH PRODUCE & SURFACES,
SUITABLE AS A HAND SANITISER.

PRODUCT DESIGNATION OW1PS; 500ML, 750ML, 1L, 5L, 25L, 1000L

COMPANY PRE-SERVE (UK) LTD
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CHEMICAL PRODUCT NAME A precise liquid formulation of organic acids, which are both
GMO & Sulphite Free

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hours)
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2) HAZARD IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE

Regulation (EC) NO. 1272/2008 (CLP) Warning
Directive 67/548/EEC & Directive 1999/45/EC
Hazard Symbol

H320: Causes eye irritation
Xi; Irritant R36



IRRITANT

Risk Phrases

R36 Can be irritating to eye

According to regulation (EC) NO. 1272/2008 & 453/2010 (CLP)

hazard pictogram



Signal Word(s)

WARNING

Hazard statement(s)

H316: May cause mild skin irritation

H320: Causes eye irritation

Safety Phrases	<p>P302 + P352. IF CAUSES EXCESSIVE IRRITATION TO SKIN: Rinse well with plenty of cold water.</p> <p>P305 + P351 + P338. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.</p> <p>P337 + P313: If eye irritation persists: seek medical advice/attention.</p> <p>S26. Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p>
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3) COMPOSITION / INGREDIENTS

Product Ingredients	<p>Ascorbic Acid Citric Acid Lactic Acid Demineralised water</p>
Formulae	<p>C6H8O6 C6H8O7 C3H6O3 H2O</p>
C.A.S Numbers	<p>50-81-7 77-92-9 79-33-4 7732-18-5</p>
EINECS	<p>200-066-2 201-069-1 201-196-2 231-791-2</p>
SOLITARY ENUMBERS	<p>E300, E330, E270</p>

4) FIRST AID MEASURES

Description of first aid measures:

Excessive Inhalation	<p>Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.</p>
Ingestion	<p>Provide rest, warmth and fresh air. Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.</p>
Skin contact	<p>If mild irritation or redness occurs rinse well with plenty of cold water.</p>
Eye contact	<p>Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues</p>

Most important symptoms and effects, both acute and delayed

Eye contact	<p>Irritation of eyes and mucous membranes.</p>
Skin Contact	<p>Contact with sensitive skin may cause redness and mild irritation.</p>
Ingestion	<p>Consumption of large amounts may cause gastrointestinal disturbances including nausea and diarrhoea.</p>

Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental over exposure, excessive inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

5) FIREFIGHTING MEASURES

Extinguishing media: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards Oxides of Carbon.

Advice for firefighters

Protective equipment for fire-fighters N/A

6) ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid eye contact, Provide adequate ventilation.

Environmental protection Spillages can be contained using bunding. If large spillage does enter water courses or sewers inform the appropriate local water authority, environmental agency or other appropriate regulatory body, however no special measures are required.

Methods & material for containment/clean up Take up liquid spill into absorbent material, e.g.: sand, earth, powdered limestone etc. Wash away residue with large amounts of water. No special disposal measures required.

7) HANDLING, USAGE AND STORAGE

Precautions for safe handling Avoid contact with eyes. Avoid excessively breathing of vapours.

Specific end usage information If unopened, use within 12 months from date of manufacture stamped on each container. Once opened use within 1 month.
Produce; Lightly mist / spray over produce ensuring total coverage and allow to dry.
Surfaces; Lightly spray surfaces and wipe with a clean damp cloth.
Packaging; Can be used on outer packaging to decontaminate, lightly mist / spray ensuring total coverage and allow to dry.
Hands; Lightly spray hands ensuring total coverage & rub together, no need to rinse.

Conditions for safe storage, including any incompatibility Keep container tightly closed. Store in original container. Out of sunlight in a cool, dry place, between 5°C and 20°C. Keep away from other acids and oxidising agents.

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits	No values assigned
Biological limit values	No values assigned
PNECs and DNELs	
DNELs – Health	No true DNEL for system toxicity can be derived. Local effects eye irritation, irritation of respiratory tract from excessive inhalation of mist, irritation of gastrointestinal tract and gastrointestinal disturbances including nausea and diarrhoea from excessive ingestion should be considered.
Exposure controls	
Personal Protective equipment	No special measures.
Process conditions	Provide eyewash, quick drench.
Engineering measures	Provide adequate ventilation.
Respiratory equipment	If the ventilation is suitable it is not essential to wear respiratory equipment, otherwise for excessive mist formation which may cause irritation: aerosol mask with filter type P2.
Hand protection	None required
Eye protection	None required
Other protection	None required
Hygiene measures	N/A

9) PHYSICAL & CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Opaque viscous liquid
Odour:	Near odourless - mild sweet
PH:	2.30 (+/- 0.10)
Auto Ignition Temperature (°C)	Non-Flammable
Relative density:	1.08g/ml
Solubility:	Soluble in water. Soluble in alcohol
Thermal decomposition (°C)	165
Viscosity:	Approximately 15cps at 20°C

10) STABILITY AND REACTIVITY

Reactivity	No specific reactivity hazards associated with this product
Chemical Stability	Stable under normal temperature conditions and recommended use
Conditions to avoid	Avoid excessive heat for prolonged periods of time.
Possibility of hazardous reactions	None determined.
Materials to avoid	Strong alkalis. Strong oxidising substances.
Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides.

11) TOXOLOGICAL INFORMATION

Information on toxicological effects

Toxic Dose 1 - LD 50	8254 mg/kg (EPA OPP 81-1)
Acute toxicity: Acute Toxicity (Dermal LD50)	> 5000 mg/kg (EPA OPP 81-2)
Inhalation	May cause irritation to the respiratory tract.
Ingestion	May cause discomfort if large quantity swallowed, may cause irritation to the gastrointestinal tract including nausea and diarrhoea.
Skin contact	May cause mild skin irritation to sensitive skin
Eye contact	Irritating to eyes

12) ECOLOGICAL INFORMATION

Ecotoxicity	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Toxicity	Acute Fish Toxicity LC50 870 mg/l/96h (Lepomis macrochirus)
Persistence and degradability	
Degradability	The product is easily biodegradable
Log Pow	-0,72 (20 °C)
Bioaccumulative potential	
Mobility in soil	
Mobility	The product is soluble in water
Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.
Other adverse effects	Not determined.

13) DISPOSAL CONSIDERATIONS

General information	Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
Waste treatment methods	Dispose of waste and residues in accordance with local authority requirements.

14) TRANSPORT INFORMATION

General	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
UN number	No information required.
UN proper shipping name	No information required.
Transport hazard class(es)	No information required.
Packing group	No information required.
Environmental hazards	
Environmentally Hazardous Substance/ Marine Pollutant	No.
Special precautions for user	No information required
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	No information required.

15) REGULATORY INFORMATION

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations.

Guidance Notes

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

16) OTHER INFORMATION

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Physical properties; pH reading correction from previous version.

Revision date 02.04.2020

Revision 1

The above information is given to the best of our knowledge at the time of printing. It is given in good faith but without warranty.

The application, use and process of our products is beyond our control and therefore entirely the responsibility of the end user.