

SAFETY DATA SHEET

Section 1: IDENTIFICATION

ZEST SUPER CONCENTRATE

Recommended Use: Total bathroom cleaner.
Product Code: 260066 (4x2.5L)



Whiteley Industrial

A division of Whiteley Corporation Pty Ltd (A.C.N. 000 906 678)
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Emergency Telephone Number: Poisons Information Centre (National) 131126

Distributed in New Zealand by:

Whiteley Corporation NZ Limited

Address: PO Box 22-519 Otahuhu, Auckland, New Zealand 1640
Telephone Number: 092737313, 0800 257 352
Emergency Telephone Number: New Zealand Poisons Centre 0800 POISON or 0800 764 766

Section 2: HAZARDS

GHS Classification

Skin Corrosion (Category 1)
Metal Corrosion (Category 1)

Signal Word **DANGER**

Hazard Statements

H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage

Precautionary Statements

P234	Keep only in original container
P260	Do not breathe dusts or mists
P264	Wash hands thoroughly after using
P280	Wear protective gloves/protective clothing and eye protection

Response Statements

P301 + P330	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.

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.
P310	Immediately call a POISON CENTRE or doctor/physician.
P363	Wash contaminated clothing before reuse
P390	Absorb spillage to prevent material damage

Storage Statements

P405	Store locked up
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Disposal Statements

P501	Dispose of container as per local regulations
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HSNO Classifications

8.1A	Substances that are corrosive to metals
8.2C	Substances that are corrosive to dermal tissue
8.3A	Substances that are corrosive to ocular tissue

Product is non hazardous when diluted according to the label directions.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Benzalkonium Chloride	68424-85-1	<10%
Phosphoric Acid	7664-38-2	30-60%
Ingredients deemed not to be hazardous	Not applicable	To 100%

Section 4: FIRST AID

Eye (Contact)	Hold eyelids apart and flush the eye continuously with running water. Immediately call a Poison Centre or doctor/physician.
Skin (Contact)	Remove contaminated clothing and flush skin and hair with running water. If skin irritation occurs seek medical advice. Wash contaminated clothing before reuse.
Inhalation(Breathing)	Remove to fresh air.
Ingestion (Swallowing)	DO NOT induce vomiting. Give water to drink if conscious. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor/physician.
Advice to Doctor	Treat symptomatically for acidic detergent.
First Aid Facilities	Ensure an eye wash and safety shower is available and ready for use.
Additional Information	No aggravated medical conditions are known to be caused by exposure to this product.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media	This product is not flammable. Use extinguishing media suited to the materials that are burning. eg. Dry chemical, CO ₂ or water spray.
Hazards From Combustion Products	Carbon dioxide and other toxic gases may be produced in the case of fire.
Precautions For Fire Fighters and Special Protective Equipment	Firefighters must wear full protective clothing including self contained breathing apparatus and chemical splash suit. Ensure that spillage does not enter drains or water courses. Remove from the vicinity containers not involved in the fire.
Additional Information	Hazchem Code – 2X

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide (Guide 37) – for large volumes.
Spills / Clean up	Clean up personnel should wear full protective clothing. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as toweling, sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling	Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin. Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment. Store product in original container. Wash thoroughly after handling product.
Conditions for Safe Storage	Store in a cool, dry, well ventilated area. Keep container tightly sealed. Store below 30°C.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003] & New Zealand Workplace Exposure Standards 2002.

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Phosphoric Acid	7664-38-2	1mg/m ³	3mg/m ³

Biological Limit Values

No data available.

Engineering Controls

Use only in a well ventilated area.

Personal Protective Equipment



Eye/face protection – Safety glasses / face shield / chemical resistant goggles should be worn to prevent eye contact.

Skin protection – Use Nitrile gloves, long sleeve shirt, pants and enclosed shoes to prevent skin contact.

Respiratory protection – Respirator is not usually necessary but if required use a half face filter respirator suitable for organic vapours.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green liquid	Odour	Characteristic
Odour Threshold	No data available	pH	<1
Freezing Point	Approx. 0°C	Initial Boiling Point	Approx. 100°C
Boiling Range	No data available	Flash point	No data available
Evaporation Rate	No data available	Flammability	No data available
Upper flammability limit	No data available	Lower flammability limit	No data available
Vapour Pressure	No data available	Vapour Density	No data available
Relative Density	1.280	Solubility	Completely miscible with water
Partition Coefficient: n-octanol/water	No data available	Autoignition temperature	No data available
Decomposition temperature	No data available	Viscosity	Approx. 50 cPs

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under normal ambient storage conditions.
Conditions to avoid	Avoid high temperature (store below 30°C). Protect against physical damage.
Incompatible materials	Incompatible with strong caustics, metals and bases.
Hazardous decomposition products	Toxic gases and vapours.
Hazardous reactions	May react with metals to produce flammable hydrogen gas. May react violently with bases. May produce poisonous gases when reacted with sulphide, phosphide, cyanide, carbide and silicides.

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Phosphoric Acid: LD ₅₀ 1530mg/kg (oral, rat) RTECS TB6300000
Skin corrosion/ irritation	Product causes irritation, pain and reddening on skin contact Benzalkonium Chloride (50% liquid): visible necrosis observed on rabbit skin after 1 hour exposure. Phosphoric Acid (80% solution): effect on rabbit skin not reversible after 72 hours.
Serious eye damage/ irritation	Product causes irritation, pain and reddening on eye contact. Serious, permanent eye damage may result if not treated immediately.
Respiratory or skin sensitisation	No data available.

Germ Cell Mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Specific Target Organ Toxicity – Single Exposure	No data available.
Specific Target Organ Toxicity – Repeated Exposure	No data available.
Aspiration Hazard	No data available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	Disposal to sewer is normally recommended with copious amounts of water. Refer to State/Territory Land Waste Management Authorities if applicable. Containers are recyclable and can be disposed of by a licensed waste contractor. Containers can be disposed of to general waste or rinsed thoroughly and recycled.
Special precautions	Suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number	1760
UN Proper Shipping Name	CORROSIVE LIQUID, N.O.S. (phosphoric acid)
Class and subsidiary risk	8 – Corrosive
Packing Group	III
Special precautions for user	Not applicable
Hazchem Code	2X

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not applicable

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

HSNO Approval Code: HSR002526

This document has been produced in accordance with the requirements of the Globally Harmonised System of Classification and Labelling.

Section 16: OTHER INFORMATION

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