

ZEST MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

ZEST SUPER CONCENTRATE

Recommended Use: Total bathroom cleaner.
Product Code: 260067 (4x2.5L)



Whiteley Industrial

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Emergency Telephone Number: Poisons Information Centre (National) 131 126

Section 2: HAZARDS

Classified as hazardous by the criteria of Safe Work Australia.

Dangerous Goods Class 8 - Corrosive.

- R34: Causes burns.
R36/38 Irritating to eyes and skin.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36 Wear suitable protective clothing.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)

Section 3: COMPOSITION INFORMATION

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

Section 4: FIRST AID

- Eye (Contact)** Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre (Phone 131126) or a doctor, or for at least 15 minutes. Seek medical attention.
- Skin (Contact)** Remove contaminated clothing and flush skin and hair with running water. Seek medical attention.
- Inhalation(Breathing)** Remove to fresh air. If not breathing give artificial respiration.
- Ingestion (Swallowing)** DO NOT induce vomiting. For advice, contact a Poisons Information Centre or a doctor.

Advice to Doctor	Treat symptomatically as for strongly acidic solution.
First Aid Facilities	Ensure an eye bath and safety shower are 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 severe personal injury or damage to equipment. Store product in original container. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
Conditions for Safe Storage	Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<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	Not available.
Engineering Controls	Ensure adequate ventilation to keep airborne concentrations below exposure standards.
Personal Protective Equipment	Eye/face protection – Safety glasses or chemical resistant goggles should be worn to prevent eye contact. Skin protection – Use nitrile rubber gloves, long sleeve shirt, pants and enclosed shoes to prevent skin contact. Respiratory protection – Respirator is not usually necessary but if product is being used in a confined area where mist is a problem, use an approved respirator.



Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Green liquid	Boiling Point Not Available.
Odour Characteristic	Freezing Point Not Available.
pH < 1	Solubility Soluble in water.
Specific Gravity 1.28	Flash Point Not Applicable.
Vapour Pressure Not Available.	Upper and Lower Flammability limits (in air) Not Applicable.
Vapour Density Not Available.	Ignition Temperature Not Applicable.

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under normal ambient storage conditions.
Conditions to avoid	Avoid extreme temperatures (store above 10°C and 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

HEALTH EFFECTS

Acute	
Swallowed	Can cause severe internal irritation and damage. May cause burns to lips and mouth, severe gastrointestinal irritation, nausea, difficult breathing or convulsions.
Eye	May cause permanent eye injury. Can cause corneal burns.
Skin	Causes irritation or burning. Skin contact may not immediately produce a burning sensation delaying the awareness of the worker that contact has occurred.
Inhaled	Inhalation of mist may cause severe irritation or burns to the nose throat and respiratory tract.

Chronic

Swallowed	None known.
Eye	None known.
Skin	Repeated skin contact may lead to contact dermatitis.
Inhalation	None known.

TOXICITY DATA

Phosphoric acid	LD ₅₀ 1530mg/kg (oral, rat)	RTECS TB6300000
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Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not available.
Persistence and degradability	Not available.
Mobility	Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill.
Special precautions	Normally 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.
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): Schedule 6 – POISON.

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

Section 16: OTHER INFORMATION

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