

## MA-26

### 1: Identification of the Material and Supplier

<b>Product Identifier</b>	MA-26		
<b>Other Means of Identification</b>	MA-26.D (205L) MA-26.20 (20L)		
<b>Recommended Use</b>	Liquid acidic detergent		
<b>Supplier</b>	<b>Organisation</b>	<b>Location</b>	<b>Contact Information</b>
	Chemform Pty Ltd ABN: 50 008 905 119	7 Kirke St Balcatta WA 6021 Australia	Phone: 1300 415 278 Fax: (08) 9344 4360 E-Mail: admin@chemform.com.au Web: www.chemform.com.au
<b>Emergency Phone Number</b>	Poisons Information Centre (Australia) 13 11 26		

### 2: Hazard Identification

Classified as hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) criteria of Safe Work Australia and classified as a dangerous good according to Australian Dangerous Goods Code

<b>GHS Classification</b>	Skin corrosion (category 1) Eye damage (category 1)
<b>Signal Word</b>	Danger
<b>Hazardous Statement(s)</b>	Causes severe skin burns and eye damage



<b>Precautionary Statement(s)</b>	Wear protective eyewear, gloves and clothing. Wash hands thoroughly after handling. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing. Immediately call a POISON CENTRE or doctor. Store locked up. Dispose of contents in accordance with local regulations.
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### 3: Composition/Information on Ingredients

Ingredient	CAS Number	Proportion (% w/w)
Phosphoric acid	7664-38-2	30-60%
Non-hazardous ingredients	-	to 100%

## 4: First Aid Measures

<b>General</b>	For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor.
<b>Ingestion</b>	If swallowed, DO NOT induce vomiting. If person is conscious, rinse mouth thoroughly with water, first then give a glass of water to drink. If vomiting occurs, wash out mouth again with water and give another glass of water to drink. Seek medical attention urgently.
<b>Eyes</b>	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (Australia 13 11 26) or by a doctor, or for at least 15 minutes.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
<b>Inhalation</b>	If swallowed or inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area.
<b>Symptoms Caused by Exposure</b>	Please refer to Section 11- Toxicological Information.
<b>Medical Attention and Special Treatment</b>	Treat symptomatically as for strong acids. The symptoms of lung oedema often does not become manifest until a few hours have past.

## 5: Fire Fighting Measures

<b>Suitable Extinguishing Equipment</b>	Material itself is not combustible. Extinguish fire using agent suitable for type of surrounding fire. Use foam, dry chemical or carbon dioxide. Keep run-off water out of sewers and water sources.
<b>Specific Hazards Arising from the Chemical</b>	When heated to decomposition will produce irritating fumes.
<b>Special Protective Equipment and Precautions for Fire Fighters</b>	Use water spray to keep fire-exposed containers cool. The following protective equipment for fire fighters is recommended when this material is present in the area of a fire. Liquid-tight chemical protective suit with breathing apparatus.
<b>Hazchem Code</b>	2R

## 6: Accidental Release Measures

<b>Personal Precautions</b>	Surfaces may be slippery. Increase ventilation. Wear PPE in accordance with section 8. Stop leak if safe to do so. Isolate the spill area. Keep unnecessary personnel away. Clean up immediately to avoid accidents.	
<b>Environmental Precautions</b>	Do NOT allow spilled concentrated product to enter drains, sewers, creeks, dams, rivers or waterways.	
<b>Spills and Disposal</b>	<p><b>Small Spills</b></p> <p>Neutralize spilled product with lime or soda ash. Mop or wipe up with a rag or paper towel and dispose of in rubbish. Wash down surface with water.</p>	<p><b>Large Spills</b></p> <p>Neutralize spilled product with lime or soda ash. Larger spills will react with neutralising agent producing carbon dioxide. Contain, collect and recycle spilt product if possible otherwise absorb spill with material such as soil, sand, attapulgitte, vermiculite. Collect and seal in properly labelled, chemical resistant containers. Wash area with water. Seek disposal options by a licensed waste contractor.</p>

## 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Wash hands after use. Avoid direct contact with product. Use PPE as described in section 8.
<b>Conditions for Safe Storage</b>	Always replace lid on container after use. Store in a cool dry place out of direct sunlight and out of reach of children.

## 8: Exposure Controls – Personal Protection

<b>National Exposure Standards</b>	TWA of 1mg/m <sup>3</sup> as phosphoric acid
<b>Engineering Controls</b>	Avoid generation and inhalation of mists and aerosols
<b>Individual Protection</b>	
<b>Eyes/Face</b>	Chemical goggles
<b>Hands</b>	Chemical resistant gloves
<b>Skin</b>	Overalls and chemical resistant boots.
<b>Respiratory</b>	Where mist is a problem use a respirator.

## 9: Physical and Chemical Properties

<b>Appearance</b>	Yellow liquid
<b>Odour</b>	Slight
<b>pH</b>	1.2 – 2.2 (1% solution)
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Flammability Limits</b>	Not flammable
<b>Boiling Point</b>	>100°C
<b>Melting Point</b>	<0°C
<b>Specific Gravity</b>	1.25-1.35
<b>Solubility</b>	Soluble in water

## 10: Stability and Reactivity

<b>Chemical Stability</b>	The product is stable under normal conditions.
<b>Possibility of Hazardous Reaction</b>	No hazardous reactions expected when handled in accordance with label directions.
<b>Conditions to Avoid</b>	Avoid extreme heat and high temperatures.
<b>Incompatible Materials</b>	Corrosive to many metals producing highly flammable hydrogen gas.
<b>Hazardous Decomposition Products</b>	Reacts violently with caustic materials liberating excessive heat. Reacts with chlorine containing products to produce chlorine a very toxic gas.

## 11: Toxicological Information

<b>Ingestion</b>	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract. LD50 >1530mg/kg (product).
<b>Eye</b>	A severe eye irritant. Corrosive to eyes; contact can cause corneal burns. Contamination of eyes can result in permanent injury. Draize test, rabbit, eye: 175 ug Severe
<b>Skin</b>	Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.
<b>Inhalation</b>	Breathing in mists or aerosols will produce respiratory irritation. May cause pulmonary edema at high concentrations. Overexposure may result in death. Rat LC50 = 0.315 mg/1/4h LC50 = 0.395 mg/1/8h

## 12: Ecological Information

<b>Ecotoxicity</b>	LC50 12 hours@ pH of 3 – 3.5 LC50 (12 hours): pH 4.6 (Daphnia Magna)
<b>Persistence/Degradability</b>	Not expected to persist in the environment.
<b>Bio-accumulative Potential</b>	Product has limited potential to bio-accumulate.
<b>Mobility in Soil</b>	No data available

## 13: Disposal Considerations

### Disposal Methods

The most effective way to dispose of product is to use as was originally intended, in accordance with label instructions. If disposal of large volumes of unwanted or excess product is required, either supply to product to someone who can use it in accordance with label instructions or contact your local council and/or state environmental authority for advice. Dispose of in accordance with Local, State and Federal regulations. Drain containers thoroughly and rinse empty containers with water and use the solution in accordance with label instructions. Recycle packaging at an approved collection point or recycling facility.

## 14: Transport Information

UN Number	1805
Shipping Name	Phosphoric Acid Solution
Class	8
Subsidiary Risk	None allocated
Packing Group	III
Special Precautions For Users	Ensure all containers are clearly labelled. Keep containers securely sealed and protected against physical damage
Hazchem Code	2R
IERG Number	37

## 15: Regulatory Information

### Packaging & Labelling

This product is a Scheduled Poison (S6) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act. Defined as a "Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## 16: Other Information

Prepared By	Brett Amos
Date of Previous Issue	February 2015
Changes Made	Complete GHS review to standardise to current format.
References	Australian Dangerous Goods Code. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice 2011. Standard for the Uniform Scheduling of Medicines & Poisons (SUSMP). Guidance on the Classification of Hazardous Chemicals Under the WHS Regulations (April 2012).
Contact Person/Point	Australia 24 HOUR EMERGENCY CONTACT Poisons Information Centre 13 11 26
Legal Disclaimer	The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

**END OF SAFETY DATA SHEET**