



Date of Issue: 4 August 2021

# MEIKO ACTIVE D-UH 1991 PCL

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

<b>Product Name</b>	<b>MEIKO ACTIVE D-UH 1991 PCL</b>
<b>Code</b>	50213
<b>Product Use</b>	Machine dishwashing & crate washing liquid
<b>Company Name</b>	MEIKO AUSTRALIA PACIFIC Pty. Ltd.
<b>Address</b>	Unit 4, 72-74 Gibbes Steet, Chatswood NSW 2067, Australia
<b>Telephone</b>	+61 1300 562 500
<b>Facismile</b>	+61 1300 622 530
<b>Email</b>	<a href="mailto:sales@meiko.com.au">sales@meiko.com.au</a>
<b>Website</b>	<a href="http://www.meiko.com.au">www.meiko.com.au</a>

## 2. HAZARDS IDENTIFICATION

<b>GHS Classification</b>	<b>Skin Corrosion 1A</b> <b>Eye Damage 1</b> <b>Metal Corrosion 1</b>
<b>Signal Word</b>	<b>DANGER</b>
<b>Hazard Statements</b>	<b>H314: Causes severe skin burns and eye damage</b> <b>H290: May be corrosive to metals</b> <b>EUH031: Contact with acids liberates toxic gas</b>
<b>Precautionary Statements</b>	Avoid breathing mists. Ensure adequate ventilation when using. Keep out of reach of children. Store locked up. Wash skin thoroughly after handling. Do not store or mix with acids. Wear protective gloves, protective clothing and eye /face protection.  IF SWALLOWED: Rinse mouth, do NOT induce vomiting. Immediately call a POISON CENTRE or doctor.  IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTRE or doctor.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor.  Dispose of contents/container in accordance with state regulations



Date of Issue: 4 August 2021

## Pictograms



GHS05 Corrosion

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**


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Ingredients	Name	CAS No.	Proportion
	Potassium hydroxide	1310-58-3	10 - 30%
	Sodium hypochlorite	7681-52-9	1 - 10%
	Other ingredients	non hazardous	balance

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**4. FIRST AID MEASURES**


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<b>Ingestion</b>	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Immediately call a POISON CENTRE or doctor..
<b>Eye</b>	If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor.
<b>Skin</b>	If skin contact occurs, Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
<b>Inhaled</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTRE or doctor.
<b>First Aid Facilities</b>	An eye wash and general washing facility should be available adjacent to the work area.
<b>Advice to Doctor</b>	Treat symptomatically. For advice contact a Poisons Information Centre. (Phone Australia 13 11 26; New Zealand 0800 764 766)

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**5. FIRE FIGHTING MEASURES**


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<b>Extinguishing Media</b>	Use appropriate extinguishing media to suit surrounding area
<b>Hazards from Combustion</b>	Material does not burn.
<b>Precautions for Fire Fighters</b>	Wear chemical splash suit and SCBA. Stay up wind. Corrosive liquid. Contact with metals may evolve flammable hydrogen gas.
<b>Hazchem</b>	2R



Date of Issue: 4 August 2021

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Emergency Procedures</b>	Keep unauthorised people away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>Clean Up</b>	Spills will be slippery so treat promptly. For minor spills mop up and rinse with water. For larger spills absorb material on mineral absorbent material or absorbent pads. Collect and put into plastic bags or containers and dispose of through waste disposal contractor. Rinse area with water.

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## 7. HANDLING AND STORAGE

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<b>Handling</b>	Wear appropriate protective clothing to prevent skin and eye contact. Use in well-ventilated area. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<b>Storage</b>	Corrosive product. Store in a cool, dry, well ventilated place out of direct sunlight. Keep only in original containers. Store in closed containers. Store away from incompatible materials such as acids, aluminium or zinc. Stored locked up.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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<b>Exposure Standards</b>	None listed for product. However exposure standards for potassium hydroxide and sodium hypochlorite are:  Potassium hydroxide TWA 2mg/m <sup>3</sup> Peak limitation.  Sodium hypochlorite TWA 1ppm, 3mg/m <sup>3</sup> peak limitation
<b>Engineering Controls</b>	MEIKO ACTIVE D-UH 1991 PCL is dispensed using an electronic feeder to prevent contact. Use in a well ventilated area to maintain levels below exposure standards.
<b>Personal Protective Equipment</b>	Wear chemical goggles or safety glasses, and impervious gloves when changing drums. If ventilation is inadequate wear an approved respirator complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Clear colourless liquid with mild chlorine odour
<b>Solubility in Water</b>	Soluble
<b>pH</b>	14
<b>Flash Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	100°C approx..
<b>Specific Gravity</b>	1.23



Date of Issue: 4 August 2021

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	Product loses strength (available chlorine) with time, especially in hot conditions
<b>Hazardous Polymerisation</b>	Will not occur
<b>Conditions to Avoid</b>	Avoid hot store areas. Store below 30°C
<b>Incompatible Materials</b>	Liberates chlorine gas if mixed with acids. Attacks aluminium, tin and zinc.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Ingestion</b>	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause chemical burns to the mouth, oesophagus and gastrointestinal tract.
<b>Eye</b>	Corrosive to eyes. Will cause severe irritation and chemical burns. Contamination of eyes can result in permanent injury or blindness.
<b>Skin</b>	Corrosive to skin – may cause skin burns. Contact with skin will result in severe irritation.
<b>Inhalation</b>	Mist generated may cause severe irritation to the mucous membranes and upper respiratory tract.
<b>Chronic Effects</b>	Prolonged or repeated exposure to this product will result in skin irritation and possibly result in dermatitis.
<b>Toxicological Data</b>	None available for MEIKO ACTIVE D-UH 1991 PCL. However for potassium hydroxide... Oral LD 50: 365mg/kg (rat) Skin 50mg/24H: Severe (human) (Reference: Dangerous Properties of Industrial Materials 7th Edition)

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	Fish Toxicity LC50/48hr : < 1mg/L chlorine Do not allow product to come in contact with storm / surface waters.
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## 13. DISPOSAL CONSIDERATIONS

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Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.



Date of Issue: 4 August 2021

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## 14. TRANSPORT INFORMATION

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<b>UN No.</b>	1719
<b>Proper Shipping Name</b>	CAUSTIC ALKALI LIQUID N.O.S. (Contains Potassium hydroxide)
<b>Hazchem Code</b>	2R
<b>Class</b>	8 Corrosive
<b>Packing Group</b>	II

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## 15. REGULATORY INFORMATION

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<b>Classification</b>	Poisons Schedule: <i>Schedule 6 (S6)</i> according to the Poisons Standard February 2021
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*Hazardous* according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)  
*Dangerous Good* according to Australian Dangerous Goods (ADG) code (7.6)

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## 16. OTHER INFORMATION

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<b>Contact Point</b>	Meiko Australia Pacific Pty Ltd 1300 562 500 24 Hour Medical Emergency 13 11 26
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<b>Date of preparation</b>	4 <sup>th</sup> August 2021
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<b>Issue</b>	2
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