



Date of Issue: 4 August 2021

MEIKO ACTIVE D-UH 1891 HD

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	MEIKO ACTIVE D-UH 1891 HD
Code	50108
Product Use	Machine dishwashing liquid and laundry break
Company Name	MEIKO AUSTRALIA PACIFIC Pty. Ltd.
Address	Unit 4, 72-74 Gibbes Steet, Chatswood NSW 2067, Australia
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Email	sales@meiko.com.au
Website	www.meiko.com.au

2. HAZARDS IDENTIFICATION

GHS Classification	Skin Corrosion Category 1A Acute Toxicity (Oral) Category 4 Metal Corrosion 1
Signal Word	DANGER
Hazard Statements	H314: Causes severe skin burns and eye damage H302:Harmful if swallowed H290: May be corrosive to metals
Precautionary Statements	Do not breathe mists. Wash skin thoroughly after handling. Wear protective gloves / protective clothing and eye protection / face protection. Do not eat, drink or smoke when using this product. Store locked up. Keep only in original container. Absorb spillage to prevent material damage. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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 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



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Pictograms



Class DG Corrosive



GHS07 Harmful

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Potassium hydroxide	1310-58-3	10 - 30%
	Disodium metasilicate	6834-92-0	1 – 10%
	EDTA Tetra sodium	64-02-8	1 – 10%
	Ingredients determined not to be hazardous	Not required	Balance

4. FIRST AID MEASURES

Ingestion	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention.
Eye	If in eyes, hold eye lids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek urgent medical attention.
Skin	If skin contact occurs, remove contaminated clothing and flush skin with running water. Do not re-use contaminated clothing until washed. Seek medical attention.
Inhaled	Not normally a problem due to method of use and non-volatile nature of product. However, if breathing is affected, remove victim from contaminated area. If problem persists seek urgent medical attention.
First Aid Facilities	An eye wash and general washing facility should be available adjacent to the work area.
Advice to Doctor	Treat symptomatically. For advice contact a Poisons Information Centre. (Phone Australia 131 126; New Zealand 0800 764 766)



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5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	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.
Clean Up	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 licenced waste disposal contractor. Rinse area with water.

7. HANDLING AND STORAGE

Handling	Wear appropriate protective clothing to prevent skin and eye contact. Use in well-ventilated area. Keep containers closed when not in use. Maintain high standards of personal hygiene. Wash hands immediately after using product.
Storage	Corrosive product. Store in a cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as acids, aluminium or zinc. Stored locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	None listed for product. However, exposure standards for potassium hydroxide are: TWA 2mg/m ³ Peak Limitation
Engineering Controls	MEIKO ACTIVE D-UH 1891 HD is dispensed using an electronic feeder to prevent contact with product. Do not add manually. Never use for manual dishwashing. Use in a well-ventilated area to maintain levels below exposure standards.
Personal Protective Equipment	Wear impervious gloves and chemical goggles.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colourless non foaming liquid
Solubility in Water	Soluble
pH	14
Flash Point	Not available
Melting Point	Not available
Boiling Point	Not available
Specific Gravity	1.274

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Hazardous Polymerisation Conditions to Avoid	Will not occur
Incompatible Materials	No special conditions
	Reacts violently with acids. Attacks aluminium, tin and zinc

11. TOXICOLOGICAL INFORMATION

Ingestion	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause burns to the mouth, oesophagus and gastrointestinal tract.
Eye	Corrosive to eyes. Will cause severe irritation and chemical burns. Contamination of eyes can result in permanent injury or blindness.
Skin	Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.
Inhalation	Not normally an inhalation risk due to nature of product and method of use. However, mist inhalation may cause severe irritation to the mucous membranes and upper respiratory tract.
Chronic Effects	Prolonged or repeated exposure to this product will result in skin irritation, burns and possibly result in dermatitis.
Toxicological Data	Non available for MEIKO ACTIVE D-UH 1891 HD. However, for potassium hydroxide: Oral LD50: 365mg/kg (rat) Skin 50g/mg/24hr: Severe (human) (Reference: Dangerous Properties of Industrial Materials 7 th Edition)



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12. ECOLOGICAL INFORMATION

Ecotoxicity No information available.
Avoid contaminating waterways

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Classification Poisons Schedule: S6 according to the Poisons Standard February 2021

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)

16. OTHER INFORMATION

Contact Point Meiko Australia Pacific Pty Ltd 1300 562 500
 24 Hour Medical Emergency 13 11 26

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