

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: REVIVER STAINLESS STEEL
OTHER NAMES: REVIVE
RECOMMENDED USE: Multipurpose cutlery pre-soak and tea pot destainer
SUPPLIER NAME: The Service Company Ltd
ADDRESS: 9 DONNOR PLACE, MT WGTN, AUCKLAND

TELEPHONE: (09) 574 0377

8.30am-5pm Monday - Friday

FAX: 0800 763763

EMERGENCY TELEPHONE NUMBER: 0064 3 479 7227
0800 764 766

8-30AM-5PM MONDAY – FRIDAY
NATIONAL POISONS CENTRE (24 HOURS)

2. HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: 6.3A, 8.3A, 9.1D Classified as **non-hazardous** according to the criteria of NOHSC.
Not classified as a dangerous good according to the criteria of ADG Code (see section 14).
Not classified as schedule poison according to the criteria of SUSDP (see section 15).

HAZARD CATEGORY: NONE

RISK PHRASES: DANGER: Causes serious eye damage. Harmful to aquatic life.

SAFETY PHRASES: NONE

The information contained in this MSDS is specific to the product when handled and used neat. This product when diluted may not require the same control measures as the neat product. Check with your technical representative if in doubt.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	PROPORTION (% w/w)
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*The ingredients below are considered either **hazardous, dangerous goods or poison scheduled** according to the criteria of NOHSC, ADG Code and SUSDP (respectively) at the levels used in the product.*

*The ingredients below are **not** considered either **hazardous, dangerous goods or poison scheduled** according to the criteria of NOHSC, ADG Code and SUSDP (respectively) at the levels used in the product.*

4. FIRST AID MEASURES

INGESTION: Immediately remove product from the mouth and rinse mouth out with water. Contact a Doctor or the Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766) in your capital city for further advice.

EYE CONTACT: Irrigate with copious quantities of water for at least 15 minutes and seek medical attention if effects persist.

SKIN CONTACT: Remove contaminated clothing and wash skin thoroughly with water. Seek medical attention if the effects persist.

INHALATION: Remove from source of exposure to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Seek medical assistance if effects persist.

FIRST AID FACILITIES: Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

NOTES TO PHYSICIAN: Treat symptomatically.

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5. FIRE FIGHTING METHODS

SUITABLE EXTINGUISHING MEDIA:	Water spray, foam, carbon dioxide or dry chemical powder.
HAZARDS FROM COMBUSTION:	The product is non-combustible; however, the packaging material may burn to emit noxious fumes.
PRECAUTIONS FOR FIRE FIGHTERS AND SPECIAL PROTECTIVE EQUIPMENT:	Fire fighters should wear self-contained breathing apparatus to minimise risk of exposure to vapour or products of combustion.
HAZCHEM CODE:	NONE

6. ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES:	Spillages are slippery. Ensure adequate ventilation. Keep spectators away – rope off the area. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:	Contain the spill and prevent run off into drains and waterways. Large spills: absorb with dry earth, sand or other similar material. Collect and seal in properly labelled drums for disposal in an area approved by local authority by-laws. Wash area down with excess water to remove residual material. Small spills: may be safely mopped up and area washed with excess water. Incineration of disposed material is not recommended, as it is unlikely to adequately burn.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Keep containers closed at all times - check regularly for leaks or spills. Transport and store upright. Avoid eye contact and repeated or prolonged skin contact. Do not eat, drink or smoke in contaminated areas. Always remove contaminated clothing and wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.
CONDITIONS FOR SAFE STORAGE:	Store in the original container, in a cool dry well-ventilated area out of sunlight and away from other chemicals and foodstuffs. Keep containers closed when not in use to ensure contamination does not occur. Do not combine part drums of the same product, as this may be a source of contamination. Do not mix with other chemicals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS:	No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia).
BIOLOGICAL LIMIT VALUES:	No biological limit allocated.
ENGINEERING CONTROLS:	Natural or local exhaust ventilation should be adequate under normal use conditions. Keep containers closed when not in use.
PERSONAL PROTECTIVE EQUIPMENT:	Protective equipment is recommended: PVC or nitrile rubber gloves, safety glasses and safety shoes. Observe good standards of hygiene and cleanliness. Trousers, long sleeved shirt and closed in shoes or safety footwear should be worn as a general precaution.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Light green
ODOUR:	
PH (NEAT):	7.5- 8.5
SPECIFIC GRAVITY OR DENSITY:	S.G. 1.21
VAPOUR PRESSURE:	17.5mm Hg at 20C
PERCENT VOLATILES:	Approx. 80% w/w.
BOILING POINT / RANGE:	Not determined
FREEZING / MELTING POINT:	No information available.
SOLUBILITY:	The product is water based and is fully soluble in water.
FLASH POINT:	No known fire hazard.
FLAMMABILITY LIMITS:	This mixture is not classified as <i>pyrophoric</i>
IGNITION TEMPERATURE:	Not applicable
SHELF LIFE:	2 years from date of manufacture (when stored as directed).

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OTHER: None

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of use. The shelf life is 2 years.

CONDITIONS TO AVOID: Do not combine part drums of the same product, as this may be a source of contamination.

INCOMPATIBLE MATERIALS: No information available.

HAZARDOUS DECOMPOSITION PRODUCTS: The packaging material may burn to emit noxious fumes.

HAZARDOUS REACTIONS: None known.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE EFFECTS

INGESTION: No adverse effects expected, however large amounts may cause nausea and vomiting. Capable of causing irritation if swallowed.

EYE CONTACT: Capable of causing irritation.

SKIN CONTACT: Capable of causing irritation with long and repeated skin contact.

INHALATION: Available information indicates that there is little or no hazard when vapours from the product are inhaled.

LONG TERM EFFECTS: No information available.

ACUTE TOXICITY / CHRONIC TOXICITY: No LD50 data available for the product.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Avoid contaminating waterways.

PERSISTENCE AND DEGRADABILITY: Not available

MOBILITY: No information available.

OTHER: None.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Empty containers should be forwarded to an approved agent for recycling. Avoid unauthorised discharge to sewer.

SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION: The product is suitable for disposal by landfill through an approved agent. Incineration of the product is not recommended, as it is unlikely to adequately burn.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

UN NUMBER: NONE

UN PROPER SHIPPING NAME: NONE

CLASS AND SUBSIDIARY RISK(S): NONE

PACKAGING GROUP: NONE

HAZCHEM CODE: NONE

SEGREGATION DANGEROUS GOODS: NONE

MARINE TRANSPORT: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN NUMBER: NONE

UN PROPER SHIPPING NAME: NONE

CLASS AND SUBSIDIARY RISK(S): NONE

PACKAGING GROUP: NONE

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AIR TRANSPORT: Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) for transport by air.

UN NUMBER: NONE

UN PROPER SHIPPING NAME: NONE

CLASS AND SUBSIDIARY RISK(S): NONE

PACKAGING GROUP: NONE

15. REGULATORY INFORMATION

POISONS SCHEDULE (AUST.): Not scheduled.

APVMA STATUS: Not relevant.

TGA STATUS: Not relevant.

AICS STATUS: All the constituents of this product are listed.

AQIS STATUS: Not relevant.

OTHER: None.

16. OTHER INFORMATION

GENERAL INFORMATION: None.

MSDS ISSUE NUMBER: 002

MSDS ISSUE DATE: 08/04/2015

In any event, the review and, if necessary, the re-issue of a MSDS shall be no longer than 5 years after the last date of issue.

REASON(S) FOR ISSUE: Update to conform to requirements of NOHSC:2011(2003); 16-header format.
Amendment to Persistence and Degradability information (section 12).

THIS ISSUE NUMBER REPLACES ALL PREVIOUS ISSUES.

LITERARY REFERENCE:

SOURCES FOR DATA:

LEGEND:	
AICS	Australian Inventory of Chemical Substances
APVMA	Australian Pesticides and Veterinary Medicines Authority
AQIS	Australian Quarantine and Inspection Service
AS	Australian Standard (as issued by Standards Australia)
MSDS	Material Safety Data Sheet
NOHSC	National Occupational Health and Safety Commission
STEL	Short Term Exposure Limit - A 15 minute TWA exposure which should not be exceeded at any time during a working day even if the eight-hour TWA average is within the TWA exposure standard. Exposures at the STEL should not be longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at the STEL.
TGA	Therapeutic Goods Administration
TLV	Threshold Limit Value - TLV is a proprietary name registered by the American Conference of Governmental Industrial Hygienists (ACGIH) and refers to airborne concentrations of substances or levels of physical agents to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect.
TWA	Time Weighted Average - The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

This MSDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

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End of MSDS