Material Safety Data Sheet

Hazardous according to the criteria of Worksafe Australia

1. IDENTIFICATION

Product Name: Tonizone Stainless Steel Polish
Pack Size: 400g
Supplier Code: 325003

UN Number: 1950
Proper Shipping Name: Aerosols

Supplier: Multi-Fill Pty. Ltd.
A.C.N.: 053 439 080
Street Address: 14 Garling Rd.
Kings Park, 2148
NSW Australia

Telephone: +61 2 9621 6000
Facsimile: +61 2 9831 2635

Emergency Telephone Number: No emergency telephone number available.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Use: To aid in cleaning and polishing stainless steel appliances and surfaces

Appearance: Dispenses as an aerosol spray into a viscous, opaque, white-coloured liquid.

<table>
<thead>
<tr>
<th>Chemical Entity</th>
<th>CAS Number</th>
<th>Proportion (%w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Propane/Butane</td>
<td>74-98-6/106-97-8</td>
<td>&lt;50</td>
</tr>
<tr>
<td>Non-hazardous Substances</td>
<td>-</td>
<td>40 - 60</td>
</tr>
</tbody>
</table>

All the constituents of this material are listed on the Australian Inventory of Chemical Substances

3. HAZARDS IDENTIFICATION

Based on the available information, classified as hazardous according to the criteria of NOHSC Australia

Classified as Dangerous Goods Class 2.1, by the criteria of the Australian Dangerous Goods Code for transport by road and rail.
4. FIRST AID MEASURES

Skin: Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Eyes: Irrigate with copious amounts of water for 15 minutes. In all cases of eye contamination, it is recommended to seek medical advice.

Inhalation: Remove victim from exposure – avoid becoming a casualty. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing is laboured and patient cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through facemask. If breathing has stopped, apply artificial respiration at once. In event of cardiac arrest, apply external cardiac massage. Seek medical advice.

Ingestion: Give a little water to drink. Do NOT induce vomiting. Avoid giving milks, oils or alcohol. Seek medical advice.

Advice to doctor – treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific hazards: Aerosol cans may rupture or explode when exposed to temperatures above 50°C. Propellant is extremely flammable and heavier than air. Do not allow vapours to build up in pits or hollows.

Fire fighting further advice: Fight fire from protected position or use unmanned hose holders or monitor nozzles. If safe to do so, move undamaged containers from fire area. Do not approach hot containers. Cool containers with water before handling. If impossible to extinguish fire, protect surroundings, withdraw from area and allow fire to burn.

Fire-fighters to wear self-contained breathing apparatus (SCBA) and protective gloves. Structural fire-fighter's uniform provides limited protection.

Suitable extinguishing media: For small fires use water spray, dry chemical or carbon dioxide. For large fires use water spray or fog.

6. ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition. Contain spill for disposal. Add absorbent (sand, earth, sawdust, etc.) to spill area. Keep out of drains and waterways. Dispose of adsorbed material at an approved disposal site according to local government regulations. Ventilate confined spaces well.

7. HANDLING AND STORAGE

Storage: Store away from oxidising agents. Do not store above 50°C. Do NOT allow cartons to become wet.
Classified as Class 2.1(Aerosols) for the purpose of storage and handling, in accordance with the requirements of AS 2278. Refer to State and Territory Dangerous Goods regulations.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National occupational exposure limits**
The assigned value is 800ppm for propellant as given by the National Occupational Health and Safety Commission (Worksafe Australia).

**Engineering measures**
Use explosion proof equipment. Use only in a well ventilated area. Do NOT use near naked flames.

**Personal Protection**
At all times protect eyes and avoid direct contact with eyes. In a work environment wear gloves.

**Flammability**
Use in well ventilated areas. Do NOT use near ignition sources.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Flashpoint:** -62°C
- **Flammability Limits:** 9.6% (upper)
  1.9% (lower)
- **Boiling Point (°C):** Not Applicable
- **Solubility in Water:** Insoluble
- **Pressure (25°C):** 350 – 450kPa
- **Specific Gravity:** 0.95 – 1.05g/mL

### 10. STABILITY AND REACTIVITY

Propellant can react with oxidising agents – chlorine, pool chlorine and nitric acid. Store away from oxygen cylinders, oxidising materials and ignition sources.

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected if the product is handled in accordance with this Safety Data sheet and product label.

**Label** states: “CAUTION: HIGHLY FLAMMABLE. KEEP OUT OF REACH OF CHILDREN. Pressurised dispenser. Protect from sunlight and do not store above 50 °C. Do not use near fire or flame. Keep away from sources of ignition. No smoking. Do not puncture or incinerate can even
when empty. **WARNING:** Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. **FIRST AID:** If sprayed on skin, wash thoroughly. If sprayed in mouth, give milk or water. If sprayed in eyes, flush with plenty of water."

**Acute Effects**

**Skin contact:** Contact with skin may result in mild irritation

**Eye contact:** An eye irritant

**Inhalation:** Vapour is a mild irritant. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of coordination and impaired judgement.

**Ingestion:** Ingestion can result in nausea, vomiting and diarrhoea.

**Chronic Effects**

Occupational exposure has not been associated with long term adverse health effects.

### 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

### 13. DISPOSAL CONSIDERATIONS

Aerosols should be completely empty before disposing. Recycle can if a facility is available or place can in household rubbish

### 14. TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code for transport by Road and Rail

### 15. REGULATORY INFORMATION

Hazard Category: Xn Xi

**R-Phrase(s):**
- R20 Harmful by inhalation
- R36/37/38 Irritating to eyes, respiratory system and skin

**S-Phrase(s):**
- S2 Keep out of reach of children
- S24/25 Avoid contact with skin and eyes
- S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. Phone 13 11 26.

Classified as Hazardous Goods by the criteria of Worksafe Australia
16. OTHER INFORMATION

This MSDS summarises at the date if issue our best knowledge of the health and safety hazard information of this product. Although this information is presented in good faith and compiled from various sources, believed to be accurate, Multi-Fill Pty Ltd make no representations or warranty as to the completeness or accuracy thereof. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

CONTACT POINT: Multi-Fill Pty Ltd
Technical Manager
(02) 9621 6000

PREPARED BY: Allan Issa
APPROVED BY: Peter Exadaktylos