# SAFETY DATA SHEET

## Holemaker Metal Working Fluid

Semi-Synthetic Water-Miscible Metalworking Fluid | SPFLUID / SPFLUID1 / SPFLUID5 / SPFLUID20

| Version: 3 | Issue Date: 20/02/2026 | Previous Issue: 15/03/2021 | GHS Revision: 7th Ed. |
|---|---|---|---|

## Section 1. Identification

| | |
|---|---|
| **Product Name:** | Holemaker Metal Working Fluid |
| **Product Codes:** | SPFLUID (1L), SPFLUID1 (1L), SPFLUID5 (5L), SPFLUID20 (20L) |
| **Also Known As:** | FOXX™ BLADE BLUE Metalworking Fluid (manufacturer trade name) |
| **Recommended Use:** | Water-miscible semi-synthetic metalworking fluid for use in machining, cutting, drilling, tapping, milling, grinding and general metal processing operations. |
| **Restrictions on Use:** | Not for food-related applications. Do not mix with sodium nitrite or other nitrosating agents. |
| **Product Type:** | Liquid (water-miscible concentrate) |

**Manufacturer**
CIMCOOL® Korea Inc
255, Gongdan-ro, Onsan-eup, Ulju-gun
Ulsan, Korea
Tel: +82-52-239-2333
Emergency (Korea CHEMTREC): 003-0813-2549

**Australian Distributor / Supplier**
ITM Tools (itmtools.com.au)
11 Eastern Service Road, Stapylton QLD 4207
Phone: 07 3287 1114
Email: sales@itmtools.com.au

**Australian Emergency Contacts**
Poisons Information Centre: **13 11 26** (24 hrs)
Australia CHEMTREC: +61 2 9037 2994

## Section 2. Hazard(s) Identification

**■ WARNING – This product is classified as a HAZARDOUS CHEMICAL under Safe Work Australia WHS Regulations.**

**Note – Australian Regulatory Compliance:** This SDS has been updated from Version 2 (revision date 15/03/2021) to Version 3 (20/02/2026) to align with the *Safe Work Australia Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals* (GHS 7th Revised Edition). The hazard classification is unchanged from Version 2. Australian distributor details have been updated to ITM Tools. Suppliers must provide this SDS and a compliant GHS label before or at the time of first supply to Australian workplaces. This SDS must be reviewed at least every 5 years.

**Classification (Safe Work Australia – WHS Regulations, GHS 7th Rev.):**

| Hazard Class | Category | Hazard Statement Code | Hazard Statement |
|---|---|---|---|
| Physical Hazards | Not classified | — | — |
| Acute Toxicity – Inhalation | Category 4 | H332 | Harmful if inhaled. |
| Skin Irritation | Category 2 | H315 | Causes skin irritation. |
| Serious Eye Irritation | Category 2 | H319 | Causes serious eye irritation. |
| Skin Sensitisation | Category 1 | H317 | May cause an allergic skin reaction. |
| Environmental Hazards | Not classified | — | Note: 5.5% of the mixture consists of component(s) of unknown acute hazard to the aquatic environment. |

### GHS Label Elements

| | |
|---|---|
| **Signal Word:** | **WARNING** |

| | |
|---|---|
| **Hazard Pictogram:** | GHS07 – Exclamation mark (Health hazard: irritant, sensitiser, harmful) |
| **Hazard Statements:** | H315: Causes skin irritation.<br>H317: May cause an allergic skin reaction.<br>H319: Causes serious eye irritation.<br>H332: Harmful if inhaled. |
| **Precautionary Statements:** | **Prevention:**<br>P261 – Avoid breathing mist or vapour.<br>P264 – Wash hands and exposed skin thoroughly after handling.<br>P271 – Use only outdoors or in a well-ventilated area.<br>P272 – Contaminated work clothing must not be allowed out of the workplace.<br>P273 – Avoid release to the environment.<br>P280 – Wear protective gloves/protective clothing/eye protection/face protection.<br><br>**Response:**<br>P302+P352 – IF ON SKIN: Wash with plenty of soap and water.<br>P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P312 – Call the POISON INFORMATION CENTRE (13 11 26) or a doctor if you feel unwell.<br>P321 – Specific treatment: treat symptomatically.<br>P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.<br>P337+P313 – If eye irritation persists: Get medical advice/attention.<br>P362+P364 – Take off contaminated clothing and wash before reuse.<br><br>**Storage:**<br>P403+P233 – Store in a well-ventilated place. Keep container tightly closed.<br>P405 – Store away from incompatible materials (see Section 10).<br><br>**Disposal:**<br>P501 – Dispose of contents and container in accordance with all applicable Australian Commonwealth, state/territory and local government regulations. |
| **Supplemental Information:** | 5.5% of the mixture consists of component(s) of unknown acute hazard to the aquatic environment. Do not add sodium nitrite or other nitrosating agents to this product – may form carcinogenic nitrosamines. |
| **Other Hazards (HNOC):** | None known. |

**Hazchem Code: 2X** – This code must be displayed on vehicles transporting this product in bulk in Australia. Code 2X indicates: use diluted spray or fog, wear BA and full protective clothing, contain spillage.

## Section 3. Composition / Information on Ingredients

**Substance / Mixture:** Mixture (water-miscible semi-synthetic metalworking fluid concentrate)

| Chemical Name | CAS Number | Proportion (% w/w) | GHS Classification (7th Rev.) |
|---|---|---|---|
| Monoethanolamine (MEA) (2-Aminoethanol) | 141-43-5 | 5 – <10% | Acute Tox. Inhalation Cat. 4 (H332) Skin Irrit. Cat. 2 (H315) Serious Eye Dam. Cat. 1 (H318) Skin Sens. Cat. 1 (H317) Acute Tox. Oral Cat. 4 (H302) |
| Triethanolamine (TEA) | 102-71-6 | 5 – <10% | Eye Irrit. Cat. 2 (H319) |
| Caprylic Acid (Octanoic acid) | 124-07-2 | 1 – <5% | Skin Irrit. Cat. 2 (H315) Serious Eye Dam. Cat. 1 (H318) Aquatic Chronic Cat. 3 (H412) |
| Triazinetriethan¬ol (MBT derivative) | 4719-04-4 | 1 – <3% | Acute Tox. Oral Cat. 4 (H302) Skin Sens. Cat. 1 (H317) |
| Other components (below reportable levels) | Various | 80 – <90% | Not classified as hazardous at concentrations present. |

The exact percentages of hazardous ingredients have been withheld as a trade secret. Occupational exposure limits, where available, are listed in Section 8. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting.

## Section 4. First Aid Measures

### 4.1 Description of First Aid Measures

| Route | First Aid Action |
|---|---|
| Inhalation | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. If breathing is difficult, remove the person to fresh air immediately and keep at rest in a position comfortable for breathing. Call the Poisons Information Centre (13 11 26) or a physician if symptoms develop or persist. |
| Skin Contact | Remove contaminated clothing immediately. Wash the affected area thoroughly with soap and water. If skin irritation or allergic rash occurs: seek medical advice/attention. Wash contaminated clothing before reuse. |
| Eye Contact | Immediately flush with plenty of clean water for at least 15 minutes, occasionally lifting upper and lower eyelids. If easy to do, remove contact lenses during rinsing. Continue rinsing. Seek medical attention immediately if irritation develops and persists, or if there is any concern. |
| Ingestion | Rinse mouth with water. Do NOT give liquids. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head low so that stomach contents do not enter the lungs. Call the Poisons Information Centre (13 11 26) or a doctor if you feel unwell. Show this SDS to the attending physician. |
| Personal Protection for First-Aid Responders | If exposed or concerned: seek medical advice/attention. Provide this SDS to the attending physician. Ensure responders wear appropriate PPE including gloves and eye protection. |

### 4.2 Most Important Symptoms and Effects (Acute and Delayed)

**Eye contact:** Direct contact may cause temporary irritation including stinging, tearing, redness, swelling and blurred vision. **Skin contact:** Irritation, redness and pain. May cause an allergic skin reaction, dermatitis and/or rash on repeated or prolonged contact. **Inhalation:** May be harmful if inhaled in significant quantities (mist/vapour). Symptoms may include irritation of the respiratory tract. **Ingestion:** Expected to be a low ingestion hazard. Symptoms may be delayed.

### 4.3 Medical Attention and Special Treatment

Provide general supportive measures and treat symptomatically. Symptoms may be delayed. No specific antidote known. Contact the Poisons Information Centre (13 11 26) for advice.

## Section 5. Fire-Fighting Measures

| Item | Details |
|---|---|
| Suitable Extinguishing Media | Water fog, foam, dry chemical powder, carbon dioxide (CO■). Use measures appropriate to local circumstances and the surrounding environment. |
| Unsuitable Extinguishing Media | Not applicable – this product is non-combustible (flash point: not applicable). |
| Flash Point / Flammability | Not applicable. Product is non-combustible in its supplied form. Diluted working solutions are also non-combustible. |
| Specific Hazards from the Chemical | During fire, gases hazardous to health may be formed including oxides of nitrogen, oxides of carbon, and smoke/fumes. No unusual fire or explosion hazards noted. |
| Hazardous Combustion Products | Smoke, fumes, oxides of nitrogen (NOx) and oxides of carbon (CO, CO■). |
| Advice / Equipment for Fire-Fighters | Self-contained breathing apparatus (SCBA) and full protective fire-fighting clothing must be worn in case of fire. Move containers from fire area if this can be done without risk. Use standard fire-fighting procedures and consider the hazards of other involved materials. |
| Hazchem Code | 2X |

## Section 6. Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

**For non-emergency personnel:** Keep unnecessary personnel away and upwind of the spill/leak. Wear appropriate protective equipment and clothing during clean-up (refer Section 8). Avoid breathing mist or vapours. Do not touch damaged containers or spilled material without appropriate protective clothing. Ensure adequate ventilation. Notify local authorities if significant spillages cannot be contained.

**For emergency responders:** Keep unnecessary personnel away. Use personal protection as recommended in Section 8.

### 6.2 Environmental Precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. This product is 100% water-miscible – it will disperse rapidly in water systems. Notify relevant state/territory EPA authorities if significant environmental release occurs.

### 6.3 Methods and Materials for Containment and Cleaning Up

| Spill Scale | Procedure |
|---|---|
| Small Spill | Wipe up with absorbent material (e.g. cloth, paper towels, fleece). Clean the surface thoroughly to remove residual contamination. Dispose of waste in accordance with Section 13. Never return spills to original containers. |
| Large Spill | Stop the flow of material if safe to do so. Dike the spilled material where possible. This product is miscible in water – prevent product from entering drains, waterways, sewers, basements or confined areas. Absorb in vermiculite, dry sand or earth and place into closed containers. Clean up in accordance with all applicable regulations. Following product recovery, flush area with water. Notify local authorities if spillage cannot be contained. Dispose of via a licensed waste contractor (Section 13). |

## Section 7. Handling and Storage

### 7.1 Precautions for Safe Handling

Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin or on clothing. Avoid breathing mist or vapour. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Wear appropriate PPE (refer Section 8). Avoid release to the environment. Observe good industrial hygiene practices. Wash hands and exposed skin thoroughly after handling and before eating, drinking or using the toilet.

**Important:** Do NOT add sodium nitrite or other nitrosating agents to this product – they may react with amine components to form carcinogenic N-nitrosamines.

### 7.2 Conditions for Safe Storage Including Any Incompatibilities

Store in tightly closed containers in a cool (5–30°C), well-ventilated area. Store away from incompatible materials (see Section 10). **Freezing note:** If frozen, product may separate – thaw completely at room temperature and stir thoroughly prior to use. Store in accordance with applicable Australian Commonwealth, state/territory and local government requirements.

### 7.3 Specific End Use(s)

Water-miscible metalworking fluid concentrate. Dilute with clean water to the appropriate working concentration as recommended by ITM Tools for the specific application. No other specific recommendations beyond those stated in this SDS.

## Section 8. Exposure Controls / Personal Protection

### 8.1 Control Parameters – Occupational Exposure Limits (OELs)

| Ingredient | CAS No. | Standard | Type | Value | Notes |
|---|---|---|---|---|---|
| Monoethanolamine (MEA) | 141-43-5 | Safe Work Australia (WES) | TWA | 7.5 mg/m³ / 3 ppm | — |
| Monoethanolamine (MEA) | 141-43-5 | Safe Work Australia (WES) | STEL | 15 mg/m³ / 6 ppm | — |
| Triethanolamine (TEA) | 102-71-6 | Safe Work Australia (WES) | TWA | 5 mg/m³ | — |
| Monoethanolamine (MEA) | 141-43-5 | ACGIH TLV (reference) | TWA | 3 ppm | Skin notation |
| Monoethanolamine (MEA) | 141-43-5 | ACGIH TLV (reference) | STEL | 6 ppm | Skin notation |
| Triethanolamine (TEA) | 102-71-6 | ACGIH TLV (reference) | TWA | 5 mg/m³ | — |

**Biological Limit Values (BLVs):** No biological limit values established for the ingredients of this product under Safe Work Australia standards.

**Control monitoring:** Follow standard workplace air monitoring procedures in accordance with Safe Work Australia guidance where mist or vapour generation is likely (e.g. high-speed machining or grinding operations).

### 8.2 Appropriate Engineering Controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. Where applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below the applicable Workplace Exposure Standards (WES). Eyewash fountains and emergency safety showers must be available in the immediate vicinity of use or handling.

### 8.3 Individual Protection Measures (Personal Protective Equipment)

| PPE Type | Requirement / Specification |
|---|---|
| Eye / Face Protection | Safety glasses with side-shields or chemical splash goggles complying with AS/NZS 1337.1. Goggles are recommended where splash risk exists. Ensure eyewash station is accessible within 10 seconds of the work area. |
| Hand Protection | Nitrile gloves complying with AS/NZS 2161.1. Glove thickness ≥0.1 mm recommended. Check gloves for integrity before each use. Replace if degraded or contaminated. Contact glove manufacturer for breakthrough time data. |

| PPE Type | Requirement / Specification |
|---|---|
| Body / Skin Protection | Suitable protective clothing (chemical-resistant apron, long sleeves) to prevent skin contact during handling. Contaminated work clothing must not be allowed out of the workplace – wash before reuse. Wear appropriate thermal protective clothing if thermal hazards exist. |
| Respiratory Protection | Not normally required under adequate ventilation conditions. In case of insufficient ventilation or where mist or vapour concentrations may exceed WES, use a half-face respirator with P2 or combination organic vapour/P2 cartridges complying with AS/NZS 1715 and AS/NZS 1716. |
| General Hygiene | Always observe good personal hygiene: wash after handling and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing must not be allowed out of the workplace. |

## Section 9. Physical and Chemical Properties

| Property | Value | Property | Value |
|---|---|---|---|
| **Appearance** | Clear liquid | **Odour** | Chemical / mild amine odour |
| **Colour** | Not specified (clear) | **Odour Threshold** | Not available |
| **Physical State** | Liquid | **pH (concentrate)** | 9.6 |
| **pH in aqueous solution (5%)** | 9.2 | **Specific Gravity** | 1.068 |
| **Melting / Freezing Point** | -5°C (23°F) | **Initial Boiling Point / Range** | >100°C (>212°F) |
| **Flash Point** | Not applicable (non-combustible) | **Evaporation Rate** | Like water when diluted |
| **Flammability (solid/gas)** | Not applicable | **Explosive Properties** | Not explosive |
| **Oxidising Properties** | Not oxidising | **Vapour Pressure** | Not available |
| **Vapour Density** | Not available | **Relative Density** | Not available |
| **Solubility in Water** | 100% – fully water miscible | **Partition Coeff. (n-octanol/water)** | Not available |
| **Auto-ignition Temperature** | Not available | **Decomposition Temperature** | Not available |
| **Viscosity** | Not available | **Explosive Limits (lower/upper)** | Not available |

## Section 10. Stability and Reactivity

| Item | Information |
|---|---|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical Stability | Stable under normal conditions. |
| Possibility of Hazardous Reactions | No dangerous reaction known under normal use conditions. |
| Conditions to Avoid | Contact with incompatible materials. Avoid freezing (product may separate). |
| Incompatible Materials | **Do not add sodium nitrite or other nitrosating agents** – may form carcinogenic N-nitrosamines. Acids. Avoid contact with strong oxidisers or strong reducing agents. |
| Hazardous Decomposition Products | Under normal conditions: none. Thermal decomposition or combustion may produce smoke, fumes, oxides of nitrogen (NOx) and oxides of carbon (CO, CO■). |

## Section 11. Toxicological Information

### 11.1 Routes of Exposure

**Inhalation:** Harmful if inhaled (H332). **Skin contact:** Causes skin irritation (H315); may cause allergic skin reaction (H317). **Eye contact:** Causes serious eye irritation (H319). **Ingestion:** Expected to be a low ingestion hazard under normal use conditions.

### 11.2 Acute Toxicity Data

| Ingredient | CAS No. | Test | Species | Result |
|---|---|---|---|---|
| Caprylic Acid | 124-07-2 | Dermal LD50 (Acute) | Rabbit | >2,000 mg/kg |
| Caprylic Acid | 124-07-2 | Oral LD50 (Acute) | Rat | >2,000 mg/kg |
| Monoethanolamine | 141-43-5 | Dermal LD50 (Acute) | Rabbit | 1,025 mg/kg |
| Triazinetriethan¬ol | 4719-04-4 | Dermal LD50 (Acute, liquid) | Rat | 4,000 mg/kg |

| Ingredient | CAS No. | Test | Species | Result |
|---|---|---|---|---|
| Triazinetriethan¬ol | 4719-04-4 | Oral LD50 (Acute, liquid) | Rat | 1,000 mg/kg |
| Triethanolamine | 102-71-6 | Dermal LD50 (Acute, liquid) | Rabbit | >2,000 mg/kg |
| Triethanolamine | 102-71-6 | Oral LD50 (Acute, liquid) | Rat | 4,190 mg/kg |

### 11.3 Other Toxicological Information

| Endpoint | Finding |
|---|---|
| Skin Corrosion / Irritation | Causes skin irritation. |
| Serious Eye Damage / Irritation | Causes serious eye irritation. |
| Respiratory Sensitisation | Not a respiratory sensitiser. |
| Skin Sensitisation | May cause an allergic skin reaction (H317). |
| Germ Cell Mutagenicity | No data available to indicate product or any components present at >0.1% are mutagenic or genotoxic. |
| Carcinogenicity | This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA. Triethanolamine (CAS 102-71-6): IARC Group 3 – not classifiable as to carcinogenicity to humans. **Note:** reaction with nitrosating agents may produce N-nitrosamines, which are carcinogenic. Do not add sodium nitrite or similar agents to this product. |
| Reproductive Toxicity | Not expected to cause reproductive or developmental effects. |
| STOT – Single Exposure | Not classified. |
| STOT – Repeated Exposure | Not classified. |
| Aspiration Hazard | Not an aspiration hazard. |
| Chronic Effects | Not available. |

## Section 12. Ecological Information

### 12.1 Ecotoxicity

Based on available data, the classification criteria are not met for hazardous to the aquatic environment at the product level. However, 5.5% of the mixture consists of component(s) of unknown acute aquatic hazard. Avoid release to the environment.

| Ingredient | CAS No. | Test | Species | Result |
|---|---|---|---|---|
| Caprylic Acid | 124-07-2 | Fish LC50 (Aquatic Acute, 96h) | Fish | 310 mg/L |
| Monoethanolamine | 141-43-5 | Fish LC50 (Aquatic Acute, 96h) | Rainbow trout (Oncorhynchus mykiss) | 114–196 mg/L |
| Monoethanolamine | 141-43-5 | Crustacea EC50 (48h, ECHA) | Daphnia | 65 mg/L |
| Triazinetriethan¬ol | 4719-04-4 | Crustacea EC50 (48h, ECHA) | Daphnia | 11.9 mg/L |
| Triazinetriethan¬ol | 4719-04-4 | Fish LC50 (96h, ECHA) | Fish | 16–240 mg/L |
| Triethanolamine | 102-71-6 | Crustacea EC50 (48h) | Water flea (Ceriodaphnia dubia) | 565–658 mg/L |
| Triethanolamine | 102-71-6 | Fish LC50 (96h) | Bluegill (Lepomis macrochirus) | 450–1,000 mg/L |

### 12.2 Persistence and Degradability

No data is available on the degradability of this product.

### 12.3 Bioaccumulative Potential

| Ingredient | Log Kow (n-octanol/water) | Notes |
|---|---|---|
| Caprylic Acid | 3.05 | Moderate – may bioaccumulate |
| Monoethanolamine | -1.31 | Low – unlikely to bioaccumulate |
| Triazinetriethan¬ol | -2.0 | Low – unlikely to bioaccumulate |
| Triethanolamine | -2.3 | Low – unlikely to bioaccumulate |

### 12.4 Mobility in Soil

This product is 100% water miscible and will be highly mobile in aquatic environments. Prevent product from entering drains, waterways or soil.

### 12.5 Other Adverse Effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected.

## Section 13. Disposal Considerations

### 13.1 Waste Treatment Methods

Collect and reclaim, or dispose of in sealed containers at a licensed hazardous waste disposal site. Do not allow this material to drain into sewers or water supplies. Do not contaminate ponds, waterways or ditches with this product or used containers. Dispose of contents and containers in accordance with all applicable Australian Commonwealth, state/territory and local government environmental protection and waste disposal legislation.

**Residual waste:** Dispose of in accordance with local regulations. Empty containers or liners may retain product residues. This material and its container must be disposed of in a safe manner.

**Contaminated packaging:** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**AICIS:** All ingredients are listed on the Australian Inventory of Chemical Substances (AICS). Users should ensure use of this product is permitted under the AICIS framework.

## Section 14. Transport Information

| Classification Item | ADG Code (Australian Road/Rail) | RID (Rail – reference) | IATA (Air) | IMDG (Sea) |
|---|---|---|---|---|
| UN Number | Not regulated | Not regulated | Not regulated | Not regulated |
| UN Proper Shipping Name | Not regulated as DG | Not regulated as DG | Not regulated as DG | Not regulated as DG |
| Class / Division | None | None | None | None |
| Packing Group | N/A | N/A | N/A | N/A |
| Environmental Hazard / Marine Pollutant | No | No | No | No |
| Hazchem Code | 2X | — | — | — |

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not established.

**Transport within user's premises:** Always transport in closed, upright and secure containers. Ensure persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory Information

### 15.1 Australian Regulatory Information

| Regulatory Framework | Status / Details |
|---|---|
| Work Health and Safety (WHS) Legislation | **This product IS classified as a hazardous chemical** under WHS Regulations. Suppliers must provide this SDS and a compliant GHS label before or at the time of first supply to any Australian workplace. Workplaces must maintain a register of hazardous chemicals. |
| Safe Work Australia – WES | Refer to Section 8. WES established for monoethanolamine and triethanolamine. |
| AICIS / AICS | All ingredients are listed on the Australian Inventory of Chemical Substances (AICS): Yes. |
| ADG Code (Transport) | Not regulated as dangerous goods. Hazchem Code 2X applies to bulk transport. |
| National Pollutant Inventory (NPI) | Monoethanolamine (CAS 141-43-5) and Triethanolamine (CAS 102-71-6) are classified as High Volume Industrial Chemicals (HVIC) at 1,000–9,999 tonnes. Facility operators should assess NPI reporting obligations. |
| Poisons Standard (TGA) | Monoethanolamine (CAS 141-43-5): Listed in Schedule 4, Schedule 5 and Schedule 6.<br>Triethanolamine (CAS 102-71-6): Listed in Schedule 4 and Schedule 5.<br>Both ingredients are listed in Appendices E and F. Not scheduled under Schedules 7–9, 10. |
| Prohibited/Restricted Substances | Not listed as a prohibited carcinogenic substance. Not listed as a restricted carcinogenic substance. Not listed in NOHSC:1005 (1994) prohibited substances. |
| Importation Controls | Not listed as an ozone-depleting substance or organochlorine import restriction. |
| SDS Review Requirement | This SDS must be reviewed at least every 5 years from the date of issue. |

### 15.2 International Inventory Status

| Country / Region | Inventory Name | On Inventory? |
|---|---|---|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | Yes |
| China | Inventory of Existing Chemical Substances (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory of Chemicals | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

"Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country. "No" may indicate that some components are not listed or that inventory notification may be required before introduction in that jurisdiction.

## Section 16. Other Information

### SDS Revision History

| Version | Issue Date | Previous Issue | Revised By | Summary of Changes |
|---|---|---|---|---|
| 3 | 20 February 2026 | 15 March 2021 | ITM Tools | Updated to GHS 7th Revised Edition format per Safe Work Australia Code of Practice. Australian distributor updated from Industrial Tool & Machinery Sales (Stapylton) to ITM Tools (Stapylton). Precautionary statement codes updated to GHS 7th Rev. (P261, P264, P271, P272 etc). Section 2 hazard box and Hazchem code note added. Section 3 expanded with GHS 7th Rev. classification for each ingredient. Section 8 AS/NZS PPE standard references added. Section 12 ecological data fully tabulated. Section 15 regulatory framework text expanded with current WHS, NPI, Poisons Standard details. Format modernised with colour-coded sections and structured tables. |
| 2 | 15 March 2021 | 5 June 2015 | CIMCOOL® Korea / DuBois Chemicals Australia | Significant revision – document reviewed in its entirety. Prepared in accordance with Australian Model Code of Practice for the Preparation of Safety Data Sheets. |
| 1 | 5 June 2015 | — | CIMCOOL® Korea | Original issue. |

### Key to Abbreviations

ADG = Australian Dangerous Goods Code | AICIS = Australian Industrial Chemicals Introduction Scheme | AICS = Australian Inventory of Chemical Substances | ACGIH = American Conference of Governmental Industrial Hygienists | CAS = Chemical Abstracts Service | DSL = Canadian Domestic Substances List | ECHA = European Chemicals Agency | ECL = Korean Existing Chemicals List | EINECS = European Inventory of Existing Commercial Chemical Substances | ELINCS = European List of Notified Chemical Substances | ENCS = Japanese Inventory of Existing and New Chemical Substances | GHS = Globally Harmonised System of Classification and Labelling of Chemicals | HVIC = High Volume Industrial Chemicals (Australia) | IARC = International Agency for Research on Cancer | IATA = International Air Transport Association | IECSC = Chinese Inventory of Existing Chemical Substances | IMDG = International Maritime Dangerous Goods Code | MEA = Monoethanolamine | NPI = National Pollutant Inventory (Australia) | NDSL = Canadian Non-Domestic Substances List | NOx = Oxides of nitrogen | NTP = National Toxicology Program (USA) | NZOIC = New Zealand Inventory of Chemicals | PBT = Persistent, Bioaccumulative and Toxic | PICCS = Philippine Inventory of Chemicals and Chemical Substances | RID = Rail transport regulations (European reference) | SCBA = Self-Contained Breathing Apparatus | STEL = Short Term Exposure Limit | STOT = Specific Target Organ Toxicity | TEA = Triethanolamine | TGA = Therapeutic Goods Administration | TSCA = Toxic Substances Control Act (USA) | TSCI = Taiwan Chemical Substance Inventory | TWA = Time-Weighted Average | WES = Workplace Exposure Standard (Australia) | WHS = Work Health and Safety

**DISCLAIMER / NOTICE TO READER:**
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This Safety Data Sheet has been prepared in accordance with the *Safe Work Australia Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals* (GHS 7th Revised Edition). The responsibility to provide a safe workplace remains with the user. It is the responsibility of the user to comply with all applicable laws and regulations. This SDS supersedes all previous versions. The current version must be available at all Australian workplaces where this product is used, stored or handled. This SDS must be reviewed at least every 5 years from the date of issue.

**End of Safety Data Sheet – Holemaker Metal Working Fluid | Version 3 | Issued: 20 February 2026**