SAFETY DATA SHEET CGT-550

Section 1. Identification of the material and the supplier

Product Name: Weld Cleaning Fluid
Product Code: CGT-550
Product Use: Weld Cleaning Fluid is an acid preparation

New Zealand Supplier: Euromarc
Address: 203 Glover Road
Hawera

Telephone: 06 278 6006

Emergency Telephone: 0800 POISON (0800 764 766)
Date of MSDS Preparation: February 2016

Section 2. Hazards Identification

DANGER H301 Toxic if swallowed
H314 Causes severe skin burns and eye damage

A hazardous substance as determined by the HSNO (Classification Regulations) 2001
Class 6.1D acutely toxic if swallowed,
Class 6.1E acutely toxic by skin absorption
Class 8.1A a metal corrosive
Class 8.2C corrosive to the skin
Class 8.3A corrosive to the eye
Class 9.1D harmful to aquatic organisms
Class 9.3C harmful to terrestrial vertebrates
May cause burns to skin and eyes.
KEEP OUT OF REACH OF CHILDREN.
Section 3.  Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Proportion (% mass)</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>&lt;50</td>
<td>7732-18-5</td>
</tr>
<tr>
<td>Orthophosphoric Acid</td>
<td>&lt;85</td>
<td>7664-38-2</td>
</tr>
<tr>
<td>Oxalic Acid</td>
<td>&lt;1</td>
<td>6153-56-6</td>
</tr>
</tbody>
</table>

Section 4.  First Aid Measures

Routes of Exposure:

Eye  Likely to cause severe irritation. Immediately flush eye with water for at least 15 minutes. Seek medical attention if eye problems persist.

Skin  A moderate to strong skin irritant. Remove any contaminated clothing. Wash skin thoroughly with soap and water. Seek medical advice if irritation persists.

Ingestion Likely to cause severe gastrointestinal tract irritation. Give plenty of water. Do not induce vomiting. If adverse effects are observed or patient is distressed seek medical advice immediately

Inhalation Not volatile and not likely to be a route of exposure. Remove patient to fresh air if distressed.

Section 5.  Fire Fighting Measures

Not considered to be a fire hazard

Suitable Extinguishing media Water spray or fog

Fire and Explosion hazards Not combustible. Contact with zinc or aluminium may liberate small quantities of hydrogen gas.

Fire Fighting Instructions Hazchem code 2R

Section 6.  Accidental Release Measures

Land Spill or Leaks Absorb small quantities with dry sand or soil. Sweep up for domestic rubbish disposal.

Large spills or leaks must be contained from sewers and waterways by dyking or bunding. Pump or shovel into containers for re-use. If not practical label container as
“Ecotoxic Hazardous Material” and dispose in approved contained landfill.

Section 7. Handling and Storage

Handling Advice: Read the label and use as directed.

Storing Procedures: No special procedures. Keep containers closed when not in use. Do not store alongside food or feedstuffs.

Section 8 Exposure Controls / Personal Protection

Engineering Controls: Not applicable for small quantities

Personal Protective Equipment: PVC gloves and safety goggles recommended for bulk handling and transfer or if splashing likely.

Section 9 Physical and Chemical Properties

Appearance: Liquid
Odour: Odourless
Odour threshold: Not available
pH: >1
Melting/Freezing point: -27°C
Initial boiling point/range: 138°C - 171°C
Flash point: Not applicable
Flammability: Not applicable
Upper/Lower flammability limits: Not applicable
Vapour pressure: <1mm – 6.8mm Hg
Vapour density: Not applicable
Relative density: Not available
Solubilities: Water
Partition coefficient: Not available
Auto-ignition temperature: Not applicable
Decomposition temperature: Not applicable
Kinematic viscosity: Not available
Particle characteristics: Not available

Section 10. Stability and Reactivity

Chemical Stability: Stable. Does not react or polymerise

Conditions to Avoid: None

Incompatibility: Strong alkalis.

Hazardous Decomposition Products: May form acrid fumes and carbon monoxide in a fire.

Product Name: Weld Cleaning Fluid
Date of MSDS: February 2016
Section 11  Toxicological Information

Acute Oral Toxicity   LD$_{50}$ Rat (oral) > 3000 mg / kg bw  
Acute Dermal Toxicity   Low dermal toxicity  
Ingestion   Gastrointestinal irritant  
Skin Irritation   Moderate skin irritant properties  
Eye Irritant   Can cause moderate irritation and discomfort  
Inhalation   Not hazardous  
Long term Effects   Not likely to produce harmful effects

Section 12.  Ecotoxicological Information

Environmental Precautions

*Ecological Toxicity*  
Harmful to aquatic environment. Acts as a biocide.

Environmental Fate ;

*Soil*  
Likely to rapidly degrade in soil. Not bioaccumulaive  
*Water*  
Likely to rapidly dilute and biodegrade.

Environmental Exposure Limits  
EEL$_{water}$ Not set

Section 13.  Disposal Considerations

Must NOT be disposed of down sewers or stormwater drains unless with overwhelming amounts of diluting water.

If undiluted product cannot be reused it must be transferred to drums, labeled as “Ecotoxic waste” and disposed of in a sealed landfill.

Section 14  Transport Information

Road, Rail, Marine and Air Transport

UN No.: 3264  
Class: 8  
Packaging Group: III  
Proper Shipping Name: Corrosive liquid acidic inorganic N.O.S. (Phosphoric acid)

Section 15  Regulatory Information

HSNO Group Standard: Cleaning Products Corrosive  
HSNO Approval Code: HSR002526

Section 16  Other Information

Date of SDS Preparation: February 2016  
Product Name: Weld Cleaning Fluid  
Date of MSDS February 2016
The information herein is given in good faith, but no warranty, express or implied is made.

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