

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

Ingredients	Proportion (% mass)	CAS Number
Water	<50	7732-18-5
Orthophosphoric Acid	<85	7664-38-2
Oxalic Acid	<1	6153-56-6

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
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“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.

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 bioaccumulative
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

The information herein is given in good faith, but no warranty, express or implied is made.
