

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: CGT 550 Weld Cleaning Fluid
Product Code: PACFCG5505
Product Use: Weld Cleaning Fluid is an acid preparation
New Zealand Supplier: Euromarc
Address: 203 Glover Road
Hawera, 4610
New Zealand
Telephone: 0800 278 600
Email: sales@euromarc.co.nz

Emergency Telephone Number: 0800 POISON (0800 764 766)

Date of MSDS Preparation: January 2024

Section 2. Hazards Identification

Classification: Acute oral toxicity Category 3
Acute dermal toxicity Category 3
Corrosive to metals Category 1
Skin corrosion Category 1A

GHS Signal Word: DANGER

GHS Hazard Statements: H301 Toxic if swallowed
H311 Toxic in contact with skin
H290 May be corrosive to metals
H314 Causes severe skin burns and eye damage

GHS Pictogram:



Precautionary Statements:

Prevention:

- P234 Keep only in original container.
- P260 Do not breathe dust/fume/gas/mist/vapors/spray.
- P262 Do not get in eyes, on skin, or on clothing.

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- P264 Wash hands [and ...] thoroughly after handling
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face

Response:

- P301+P316 IF SWALLOWED: Get emergency medical help immediately. ,
P301+P330+ IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P331
P302+P352 IF ON SKIN: wash with plenty of water/...
P302+P361+ IF ON SKIN: Take off Immediately all contaminated clothing.
P354 Immediately rinse with water for several minutes.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P354+ IF IN EYES: Immediately rinse with water for several minutes. Remove
P338 contact lenses if present and easy to do. Continue rinsing.
P316 Get emergency medical help immediately.
P321 Specific treatment (see ... on this label).
P330 Rinse mouth
P361+P364 Take off immediately all contaminated clothing and wash it before reuse.
P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.

Storage:

- P405 Store locked up
P406 Store in corrosive resistant/... container with a resistant inner liner.

Disposal:

- P501 Dispose of contents/container in accordance with local/regional/international regulations.

Section 3. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	CAS Number
Water	<25	7732-18-5
Orthophosphoric Acid	>75	7664-38-2
Oxalic Acid	<5	6153-56-6
Butyl Glycol Ether	<15	111-76-2

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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

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
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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.

SAFETY DATA SHEET**Section 8 Exposure Controls / Personal Protection**

Engineering Controls: Not applicable for small quantities.

Personal Protective Equipment: Safety goggles, rubber gloves, boots and acid resistant clothing is required.

Section 9 Physical and Chemical Properties

Appearance	Orange Liquid
Odour	Sharp
Odour threshold	Data not available
pH	1.5
Melting/Freezing point	-18-27°C
Initial boiling point/range	138-171°C
Flash point	N/A
Flammability	N/A
Upper/Lower flammability	N/A
Vapour pressure	<1mm – 6.8 mm Hg
Vapour density	N/A
Relative density	Data not available
Solubility:	Insoluble in petroleum solvents. Fully soluble in
Partition coefficient	Data not available
Auto-ignition temperature	N/A
Decomposition temperature	N/A
Kinematic viscosity	Data not available
Particle characteristics	Data not available

Section 10. Stability and Reactivity

Chemical Stability:	Stable. Does not react or polymerise.
Conditions to Avoid:	None
Incompatibility:	Alkalis. Mild steel, galvanized steel/zinc producing hydrogen gas which may form an explosive mixture in air. Avoid strong bases.
Hazardous Decomposition Products:	May form acrid fumes and carbon monoxide in a fire.

SAFETY DATA SHEET**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

Disposal Methods: 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
Proper Shipping Name: Corrosive liquid acidic inorganic N.O.S.
(Phosphoric acid)
Dangerous Goods class: 8
UN Packing Group: III

SAFETY DATA SHEET**Section 15 Regulatory Information**

HSNO approval code: HSR002684 Water Treatment Chemicals (Subsidiary Hazard) Group Standard 2020.

Section 16 Other Information

Supplied in 5lt. Code: PACFCG5505

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

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WELD CLEAN

PURPOSE: Pickling and electroplating – electrolytic fluid for stainless steel metals, for use with electrolytic equipment.

DIRECTIONS:

Ensure area to be treated is clean and free of wax, grease, loose paint and contamination.

Apply PACER Weld Clean with a paint brush.

WARNING:

When using wear impervious gloves, goggles and mask. Wash hands and face after use. Store in original container away from food and flammable products. Dispose of empty container in a safe manner.

KEEP OUT OF REACH OF CHILDREN.