

Revision: 31 Jan 2018

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## SAFETY DATA SHEET

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

- Product Name: ISOL C
- Product Part Number: 183

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: Cleaning agent

#### 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Elmer Wallace Limited
- Address of Supplier: 30 Nasmyth Road South, Colquhoun Park. Hillington Park, Glasgow G52 4RE.
- Telephone: 0141 8105530
- Responsible Person: John Darling
- Email: Sales@elmerwallace.co.uk

#### 1.4 Emergency telephone number

- Emergency Telephone: Between 9am-5pm 0141 8105530
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Skin Corr. 1B, Eye Dam. 1
- CHIP:

#### 2.2 Label elements



- Signal Word: Danger
  - Hazard statements
    - H314 - Causes severe skin burns and eye damage.
    - H318 - Causes serious eye damage.
  - Precautionary statements
    - P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
    - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
    - P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
    - P310 - Immediately call a POISON CENTER or doctor/physician.
    - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
    - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
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**SECTION 2: Hazards identification (....)****2.3 Other hazards**

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**SECTION 3: Composition/information on ingredients****3.1 Substances**

- ORTHOPHOSPHORIC ACID  
REACH Registration Number:  
CAS Number: 7664-38-2  
EC Number: 231-633-2  
Symbols: GHS05  
Concentration: 20% TO 30%  
R/H Phrases: H314;R34  
Categories: Skin Corr. 1B
  - ALCOHOL ETHOXYLATE C9-11 6MEO  
REACH Registration Number:  
CAS Number: 68439-46-3  
EC Number:  
Symbols: GHS05,GHS07  
Concentration: <1%  
H Statements: H318,H302  
Categories: Eye Dam. 1
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**SECTION 4: First aid measures****4.1 Description of first aid measures**

- Contact with eyes  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.
- Contact with skin  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
Rinse skin with water [or shower].
- Ingestion  
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- Inhalation  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**4.2 Most important symptoms and effects, both acute and delayed**

- Can cause damage to the eyes, skin and mucous membranes

**4.3 Indication of any immediate medical attention and special treatment needed**

- P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
-

**SECTION 4: First aid measures (....)**

- P310 - Immediately call a POISON CENTER or doctor/physician.
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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

**5.2 Special hazards arising from the substance or mixture**

- May give off noxious and toxic fumes in a fire

**5.3 Advice for firefighters**

- Wear Breathing Apparatus
  - Prevent run off water from entering drains if possible
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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- Wear protective clothing as per section 8

**6.2 Environmental precautions**

- P273 - Avoid release to the environment.
- Do not allow to enter public sewers and watercourses

**6.3 Methods and material for containment and cleaning up**

- Absorb spillage in suitable inert material

**6.4 Reference to other sections**

- None
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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Wear protective clothing as per section 8

**7.2 Conditions for safe storage, including any incompatibilities**

- Avoid contact with alkalis (strong bases)
- P234 - Keep only in original packaging.

**7.3 Specific end use(s)**

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

- WEL: Work exposure limit
  - ORTHOPHOSPHORIC ACID
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**SECTION 8: Exposure controls/personal protection (....)**

WEL (long term): 1 mg/m<sup>3</sup>

WEL (short term): 2 mg/m<sup>3</sup>

**8.2 Exposure controls**

- P273 - Avoid release to the environment.
  - Engineering measures:  
Ensure adequate ventilation
  - Eye/face protection:  
Wear goggles to minimum standard of BS EN 166 1BT.
  - Hand protection:  
Wear gloves giving protection to minimum standard of BS EN 388:1994
  - Skin protection:  
Wear apron or other light protective clothing
  - Respiratory protection:  
Wear approved respirator if exposure likely to exceed MEL/OES
  - Other protection:  
None
  - Environmental exposure controls:  
P273 - Avoid release to the environment.
- 

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

- Appearance: Red liquid
- Odour: Acrid
- pH: PH: <2 at 100 % concentration
- Flashpoint: Not applicable
- Flammability: Not applicable
- Upper/lower flammability or explosive limits: Not applicable
- Density: Density: 1.142 g/cm<sup>3</sup> at 20 deg C
- Solubility: Soluble in water
- Viscosity: Not applicable
- Boiling point: 110 °C to 114 °C at 760 mm /Hg

**9.2 Other information**

- None
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**SECTION 10: Stability and reactivity****10.1 Reactivity**

- No hazardous reactions known if used for its intended purpose

**10.2 Chemical stability**

**SECTION 10: Stability and reactivity (....)**

- Considered stable under normal conditions

**10.3 Possibility of hazardous reactions**

- No hazardous reactions known if used for its intended purpose

**10.4 Conditions to avoid**

- Avoid contact with alkalis (strong bases)

**10.5 Incompatible materials**

- None

**10.6 Hazardous decomposition products**

- No hazardous decomposition products known
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**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

- Ingestion:  
Causes burns. May cause burns in mucus membranes, throat, oesophagus and stomach.
  - Serious eye damage/Irritation:  
Causes burns. Risk of corneal damage.
  - Skin Corrosion/Irritation:  
Causes blistering of the skin
  - Inhalation:  
In cases of severe exposure, breathing difficulty may develop
  - Other Health Effects  
None
  - Toxicological information on ingredients:
  - ORTHOPHOSPHORIC ACID  
LD50 (oral,rat): 1530 mg/kg
  - ALCOHOL ETHOXYLATE C9-11 6MEO  
LD50 (oral,rat): >200-<2000 mg/kg  
LD50 (skin,rabbit): >200-<2000 mg/kg
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**SECTION 12: Ecological information****Ecological information on ingredients:****12.1 Toxicity**

- ORTHOPHOSPHORIC ACID  
LC50 138 mg/l (96 hr)  
EC50 270 mg/l (48 hr)
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**SECTION 12: Ecological information (....)**

- ALCOHOL ETHOXYLATE C9-11 6MEO  
LC50 1-10 mg/l (96 hr)

**12.2 Persistence and degradability**

- ORTHOPHOSPHORIC ACID  
Inorganic compound which does not biodegrade
- ALCOHOL ETHOXYLATE C9-11 6MEO  
Readily biodegradable

**12.3 Bioaccumulative potential**

- This product does not contain any substance expected to be bioaccumulating.

**12.4 Mobility in soil**

- miscible with water

**12.5 Results of PBT and vPvB assessment**

- Not a PBT according to REACH Annex XIII

**12.6 Other adverse effects**

- Do not allow to enter public sewers and watercourses
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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

- Disposal should be in accordance with local, state or national legislation
  - Triple rinse drums prior to recycling or disposal
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**SECTION 14: Transport information****14.1 UN number**

- UN No.: 3264

**14.2 UN proper shipping name**

- Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.  
CONTAINS PHOSPHORIC ACID

**14.3 Transport hazard class(es)**

- Hazard Class: 8

**14.4 Packing group**

- Packing Group: Packing group III

**14.5 Environmental hazards****14.6 Special precautions for user**

**SECTION 14: Transport information (....)****14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Directive 67/548/EEC, Directive 1999/45/EC.
- Regulation [EC] No 1272/2008
- Any surfactants used in this product complies with the biodegradation criteria as laid down in regulation [EC] No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member states and will be made available to them at their direct request of the detergent manufacturer.

**15.2 Chemical safety assessment**

- No chemical safety assessment has been carried out.
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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. R34: Causes burns.

**DNEL: Derived no effect level. PNEC: Predicted no effect concentration.**

The information provided on this safety data sheet is correct to our knowledge at the date of this revision.

The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.

The information contained in this safety data sheet relates only to specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in text.

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