



# NORTHERN ENVIRONMENTAL

## 1. Identification of the Substance/Preparation & Supplier.

**Supplier:** Northern Environmental Supplies Ltd.  
427b Thorp Arch Trading Estate, Wetherby. LEEDS. LS23 7BJ.  
TEL: 0800 808 7887

**In case of Emergency call: 07854 96 22 95**

**Product Name:** T702 Pine Toilet Cleaner

**Product Type:** Acid Cleaner

## 2. Composition/Information on Ingredients.

Hazardous component:	Cas No.	Index	Risk Phrases:	Concentration:
Phosphoric Acid	7664-38-2	C	R34	<5%
Anionic Surfactant		Xi	R36/38	<10%
Hydrochloric Acid	7647-01-0	C	R34	<25%

## 3. Hazards Identification.

Classified as Skin & Eye Irritant under CHIP regulations.

## 4. First Aid Measures.

**Eye Contact:** Flush with plenty of clean water for at least 15 minutes. If irritation persists, obtain medical attention.

**Skin Contact:** Wash off with water. The application of skin reconditioning (emollient) cream, can be beneficial.

**Inhalation:** Remove to fresh air, if symptoms persist, seek medical advice.

**Ingestion:** Milk or water to drink or rinse with may be beneficial. Do not induce vomiting without medical advice.

## 5. Fire Fighting Measures:

**Flammability:** Not classed as flammable. May emit noxious fumes in a fire.

**Extinguishing Media:** Foam, Dry Powder, Co2, Halon, fine water spray suitable.

**Protective Equipment:** Standard protective equipment, Breathing apparatus.

**Special Fire/Explosion Hazards:** Can react with aluminium, lead tin, magnesium or zinc to produce hydrogen gas. Can react vigorously with strong alkalis evolving heat.

## 6. Accidental Release Measures.

Small spills may be washed away with water, avoid splashing. May be neutralised with care using dilute alkali or soda. Large spills should be contained by sand or earth and neutralised prior to washing away or absorption and disposal.

## 7. Handling and Storage.

**Storage Precautions:** Store between 0-35°C. Keep in tightly closed containers. Protect from frost.

**Handling:** Avoid contact with skin and eyes. Observe good standards of industrial hygiene.

## 8. Exposure Controls/Personal Protection.

Ingredient Name	8hr TWA	15min STEL
Hydrochloric Acid	WEL 1ppm 2mg/m3	5ppm 8mg/m3

**Respiratory Protection:** Unlikely to be necessary where adequate ventilation is provided.

**Eyes:** Chemical eye goggles should be worn.

**Hand:** PVC or rubber gloves are recommended.

**Skin:** Use protective clothing. Remove contaminated clothing and wash with soap and water.

**Exposure Limits:** Not determined.

## 9. Physical and Chemical Properties.

Appearance	Green Viscous Liquid	Specific Gravity @ 20°C	1.30 typical
Odour	Pine Perfumed	pH Neat	1.50 typical
pH @ 5% in tap water	1.50 typical	Boiling Point	100°C
Freezing Point	0°C	Vapour Pressure	Water=18mm Hg
Water Solubility	Totally Soluble		

## **10. Stability and Reactivity.**

Stability: Stable under normal conditions.  
Hazardous Decomposition: Oxides of carbon, water vapour and unidentified compounds, some of which could be toxic may be evolved.  
Conditions to Avoid: Naked flames, hot surfaces, other high temperature sources.

## **11. Toxicological Information.**

Hydrochloric Acid: Oral: (Rabbit) 900 mg/kg  
Eyes: Classified as an eye irritant. Contact with the eyes may give rise to irritation and stinging.  
Skin: Classified as a skin irritant. Exposure to the skin may give rise to irritation. Prolonged and persistent contact could lead to dermatitis through skin defatting.  
Inhalation: Unlikely to present any significant hazard at ambient temperature. Excessive exposure to mists caused by atomising systems may cause irritation to eyes and respiratory tract.  
Ingestion: Low order of acute toxicity. Ingestion may cause nausea, breathing difficulties and acidosis convulsions and collapse.

## **12. Ecological Information.**

Water based acidic material. If bulk material disposal is not neutralised, toxic effects for fish and bacterium may start below pH 6, increasing with lower pH. This product is an acidic substance and a nutrient for undesirable algae. It could cause severe local damage to flora and fauna.

## **13. Disposal Recommendations.**

Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations.  
Dispose of empty containers in accordance with local and national regulations.  
Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.  
Specific disposal restrictions: May require notification on account of strong acidity.

## **14. Transport Information.**

Not Classified.

## **15. Regulatory Information.**

Label for Supply: Irritant.  
Hazard Symbol: Xi  
Risk Phrases: R36/38: Irritating to Eyes and Skin.  
Safety Phrases: S2: Keep out of reach of children.  
S24/25: Avoid contact with skin & eyes.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37: Wear suitable protective clothing and gloves.

## **16. Other Information.**

Do not mix with other chemicals.  
The information provided in this data sheet has been compiled in accordance with the requirements of the Chemicals (Hazard information and packaging) Regulations, Directive 93/112/EC.  
This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

## **Legal Disclaimer:**

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.