

## SUBSTANCE INFORMATION

**Substance/material:**

Limescale remover

**Trade name:**

Harpic

**What is the substance to be used for?** (E.g. cleaning, protective coating, adhesive)

Cleaning biofilm off of sparge pipe jetting nozzles in aeration tanks at Billinge HQ, Foul Lane, and Sefton Meadows II

**What are the hazardous ingredients/chemicals contained in the substance?** (List below)

Hydrochloric acid

**Provide details of the occupational or maximum exposure of any ingredient/chemical in the substance.**

Occupational exposure standard (OES) = 8mg/m<sup>3</sup> STEL (Short term exposure limit); 2mg/m<sup>3</sup> TWA (Time weighted average)

**Is the substance?** (Check warning symbol on product, data sheet or packaging)

- |  |                                    |   |   |
|--|------------------------------------|---|---|
| <input type="checkbox"/> Extremely flammable | <input type="checkbox"/> Oxidising | <input type="checkbox"/> Very toxic           | <input type="checkbox"/> Harmful to environment |
| <input type="checkbox"/> Highly flammable    | <input type="checkbox"/> Harmful   | <input checked="" type="checkbox"/> Corrosive | <input type="checkbox"/> Other (Specify)        |
| <input type="checkbox"/> Flammable           | <input type="checkbox"/> Toxic     | <input type="checkbox"/> Irritant             |   |

**Is the substance hazardous to health when?**

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> In contact with skin | <input checked="" type="checkbox"/> Inhaled  | <input type="checkbox"/> Other (Specify) |
| <input checked="" type="checkbox"/> In contact with eyes | <input checked="" type="checkbox"/> Ingested |  |

## STORAGE

**Provide details of how the substance shall be stored when not in use:**

Keep container closed and stored in a cool dry and well ventilated space.  
Keep away from heat and ignition sources  
Keep away from foodstuff and drink

## USE OF SUBSTANCE

**How should the substance be use?** (E.g. dilute in water, applied with brush, sprayed etc.)

Not applicable

**How much is used?** (State volume and period e.g. 1000 litres/month)

500ml every three months

**Who will be exposed to the substance?** (E.g. Environmental officers etc.)

Members of Facilities sections undertaking condition monitoring

**Does the substance present additional risks to specific groups?** (E.g. Expectant mothers)

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Not applicable

## CONTROL MEASURES

**Can a less hazardous substance be used to do the same function?**

Yes  No

*Please consult supplier for advice*

Not known at this time. Other substances to be trialled for effectiveness.

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**What PPE is required when using the substance?**

Gloves and eye protection.

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**What control measures are required other than PPE? (E.g. Well ventilated areas only, qualified personnel only)**

Do not mix with bleach or any other cleaning product.  
Do not use in contact with stainless steel.  
Use in well ventilated areas only.

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