

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/m³ STEL (Short term exposure limit); 2mg/m³ TWA (Time weighted average)

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

☐ Extremely flammable

☐ Highly flammable

☐ Flammable

☐ Oxidising

☐ Harmful

☐ Toxic

☐ Very toxic

☒ Corrosive

☐ Irritant

☐ Harmful to environment

☐ Other (Specify)

Is the substance hazardous to health when?

☒ In contact with skin

☒ In contact with eyes

☒ Inhaled

☒ Ingested

☐ Other (Specify)

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 used? (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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Date of Issue: 24 April 2013

Page 1 of 2

Document control: EMS5-COSHH Risk Assessment-FA-Doc-190-ASB-01

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.

What PPE is required when using the substance?

Gloves and eye protection.

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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Page 2 of 2

Document control: EMS5-COSHH Risk Assessment-FA-Doc-190-ASB-01