



## COSHH Data Sheet – Yorkshire Flux

### Product and company identification

**Trade Name:** Yorkshire Flux

**Manufacturer/Supplier:** Yorkshire Fittings Limited

**Address:** Haigh Park Road, Stourton, Leeds, West Yorkshire, LS10 1RT, England.

**Telephone:** 0113 270 1104

**Fax:** 0113 270 5644

### Composition/Information on the components

Preparation – Hazardous components



Nonyl phenyl Ethoxylate  
15-25%  
R22, R36/38  
Harmful



Hydrochloric Acid  
1-5%  
R34  
Corrosive

### Hazard identification

**Main Hazards:** Irritating to eyes and skin.

**Health Effects - Eyes:** Paste will cause conjunctival irritation and possibly corneal damage.

**Health Effects - Skin:** Material will cause irritation.

**Health Effects - Ingestion:** Swallowing may have the following effects:- severe irritation of mouth, throat and digestive tract.

**Health Effects - Inhalation:** Exposure to vapour or mist may have the following effects:- severe irritation of nose, throat and respiratory tract.

### First aid measures

**Eyes:** Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.

**Skin:** Wash skin thoroughly with soap and water. Obtain medical attention if redness persists.

**Ingestion:** Wash out mouth with water. Have victim drink 1 – 3 glasses of water to dilute stomach contents. Do not induce vomiting. Obtain medical attention.

**Inhalation:** Remove from exposure. Keep warm and at rest. Seek medical attention if you feel unwell.

**Advice for Physicians:** Treat symptomatically.

### Fire fighting measures

**Extinguishing media:** Not combustible. Select extinguishing agent appropriate to other materials.

**Unsuitable extinguishing media:** None.

**Special hazards of product:** None known.

**Protective equipment for fire fighting:** Wear self contained breathing apparatus.

## **Accidental release measures**

**Personal precautions:** Wear appropriate protective clothing.

**Environmental precautions:** Try to prevent the material from entering drains or water courses.

**Spillages:** Small spillages may be flushed with large quantities of water. Large spillages should be collected for disposal.

## **Handling and storage**

**Handling:** Avoid contact with eyes, skin and clothing.

**Storage:** Storage area should be: cool, dry, well ventilated. Store in original containers.

## **Exposure Controls/Personal Protection**

**Occupational Exposure Standards:** Hydrochloric Acid. UK EH40: OES.STEL 5ppm 15min.

**Engineering Control Measure:** Fumes from soldering process should not be breathed. Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions. Administrative controls and personal protective equipment may also be required.

**Respiratory Protection:** Respiratory protection if there is a risk of exposure to high vapour concentrations.

**Hand Protection:** PVC or rubber gloves.

**Body Protection:** Normal work wear.

## **Physical and Chemical Properties**

**Physical State:** Paste.

**Colour:** White.

**Odour:** Mild.

**pH:** <2

**Boiling Range/Point (°C):** No range.

**Melting Point (°C):** No data.

**Solubility in Water (kg/m<sup>3</sup>):** Partially soluble

**Density (kg/m<sup>3</sup>):** 1.1 at 20°C

**Auto-flammability (°C):** Not auto-flammable.

**Vapour Density (Air = 1):** Heavier than air.

**Decomposition Temp (°C):** No data.

## **Stability and Reactivity**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** High temperatures.

**Materials to avoid:** Bases.

**Hazardous Decomposition Products:** Heating may produce: irritating fumes, amines, hydrogen chloride, hydrogen bromide.

## **Toxicological Information**

**Acute Toxicity:** Low order of acute toxicity.

**Irritancy – Eyes:** Data for a closely related material suggests that this product will produce conjunctival irritation, and corneal damage and iritis.

**Irritancy – skin:** Data for a closely related material suggests that this product will produce irritation (mean scores for erythema or oedema 2 or above).

**Skin Sensitisation:** None known.

**Chronic Toxicity/Carcinogenicity:** None known.

**Genotoxicity:** None known.



### **Ecological Information**

**Mobility:** The product will not dissolve rapidly in water.

**Persistence/Degradability:** The product is readily biodegradable.

**Bio-accumulation:** None known.

**Ecotoxicity:** The product is rated as non-hazardous to aquatic species.

### **Disposal**

**Product Disposal:** Landfill after ensuring that material is no longer reactive and has been neutralised.

**Container Disposal:** Labels should not be removed from containers until they have been cleaned.

Contaminated containers must not be re-used.

### **Transport Information**

**UN Class:** Not classified.

**ADR/RID – Class:** Not classified.

**IMDG – Class:** Not classified.

**IMDG – Marine Pollutant:** No.

**IATA – Class:** Not restricted.

### **Regulatory Information**

**Labelling Information:** Irritant. Not classified (safety). Not classified (environment).

**R phrases:** R36/38 irritating to eyes and skin

**S phrases:** S2 keep out of reach of children. S26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37 wear suitable gloves. S46 if swallowed seek medical advice immediately and show this contained or label.

**ELNECS Listing:** Not listed.

**EC Annex I Classification:** Xi – Irritant.

### **Other Information**

The information contained herein is based on data considered accurate and is offered at no charge. The above data is typical of the product in general but batches may show variations. No warranty is expressed or implied regarding the accuracy of this data.

Liability is expressly disclaimed for loss or injury arising out of this information or the use of any materials designated. In countries other than the UK, there may be different Exposure Limits, please check with your National Authorities.

**MSDS first issued:** 22.06.99

**MSDS data revised:** 05.02.03

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