

# MATERIAL SAFETY DATA SHEET

Product name: *Concrete Cleaner*

Reviewed date: *October 2021* Reviewed by: *LB*

## 1. Identification of substance

Substance: *Concrete Cleaner*

Supplier: *Tank Storage and Services Ltd T/A Enviro Cleaning Solutions*  
*11 The Haven*  
*Hythe*  
*Kent*  
*CT21 4PJ*

Office: *01303 265161*  
This revision *October 2021*

## 2. Composition/Data on components

Composition and classification of potentially hazardous components.

<u>Component</u>	<u>Concentration range</u>	<u>Classification</u>
<i>Hydrochloric acid</i>	<i>Approx. 9.5%</i>	<i>10-25% Irritant above 25% Corrosive</i>
	<i>EC no. 231-595-7</i>	<i>CAS 7647-01-0</i>

Occupational exposure limits:

*Hydrogen chloride Occupational Exposure Standard 7.6 mg/m<sup>3</sup> 15 minute STEL*

## 3. Hazards identification

*This preparation is classified as IRRITANT under the CHIP Regulations 1996. The following safety phrases apply.*

*S1/2 Keep out of reach of children*  
*S24/25- Avoid contact with the skin and eyes*

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## 4. First aid measures

*Skin exposure: If soreness or irritation occurs as the result of skin exposure, wash the affected area with clean running water for at least 15 minutes. If symptoms persist seek medical advice.*

*Eye splashes: If the material is splashed into the eye, wash the affected eye with clean running water for at least 15 minutes. Seek medical advice.*

*Swallowing (ingestion): If material is accidentally swallowed, do not make patient vomit, seek medical advice. This information should be taken with the patient when seeking medical advice.*

*Inhalation; Move patient to fresh air. If patient is unconscious, place in the recovery position and seek medical help immediately.*

## 5 . Fire fighting measures

*Breathing apparatus should be worn with fires involving acids.*

## 6 . Accidental release measures

*Spillages should be contained with a non-combustible adsorbent material and collected for disposal in accordance with the local regulations.*

*Spillages should not be allowed to run to surface waters.*

## 7 . Handling & storage

*Store away from flammable materials and alkaline products such as bleach or caustic soda.*

*All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorised persons.*

## 8 . Exposure controls & personal protection

*This product is mildly acidic and prolonged exposure of the skin may cause irritation. Rubber or latex gloves should be used to protect the hands during use and suitable work-wear or overalls should be used to protect clothing and skin.*

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## 9 . Physical and chemical properties

*Appearance:* Light blue liquid .*Odour:* Perfumed

*pH:* Between 1 and 2 .*Boiling point / range:* 100 C

*Melting point / range:* Not applicable .*Flash point:* Not determined

*Flammability:* Not applicable .*Autoflammability:* Not applicable

*Explosive properties:* Not applicable .*Oxidising properties:* none .*Vapour pressure:* Not known

*Relative density:* 1.044

*Solubility:* Fully water soluble .*Partition coefficient: n-octanol / water:* Not determined

## 10 . Stability and reactivity

*This preparation is highly reactive.*

*This preparation can react violently with metals and alkaline materials.*

*React With bleach to release chlorine gas (highly toxic).*

## 11 . Toxicological information

*The product is of low general toxicity.*

*The vapour from this material may cause irritation to the eyes and mucous membranes. Any person with a history of skin sensitisation should take extra care when handling this preparation. Reducing the periods of skin exposure to any substance or preparation will reduce the risk of sensitization or other irritation occurring.*

## 12. Ecological information

*No data available.*

*The exact ecological effects of this product are unknown.*

## 13 . Disposal considerations

*All waste produced by industry or commerce is subject to the Duty Of Care Of Waste Regulations.*

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## 14. Transport information

*Not classified as dangerous goods under CDGCPL2.*

## 15. Regulatory information

*This preparation is classified in accordance with 67/548/EEC*

*The following safety phrases apply.*

*Contains 9.5% Hydrochloric acid EC No.231-595-7*

<i>S2-</i>	<i>Keep out of reach of children</i>
<i>S14</i>	<i>Keep away from BLEACH</i>
<i>S24/25-</i>	<i>Avoid contact with the skin and eyes.</i>

*This substance is classified as a substance hazardous to health within the definition given in Regulation 2 of the COSHH Regulations. An assessment of the risks to health caused by the use of this substance and the other requirements of the COSHH regulations must therefore be made by any employer or self employed person using this preparation at work.*

## 16. Other information

*No other safety information is applicable to the use of this preparation for its intended purpose.*