

**Section 1. Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

<b>Product name:</b>	<b>UNBLOCK-IT</b>
<b>Product code:</b>	<b>UBI1</b>
<b>Manufacturer code:</b>	<b>OIR 601</b>

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

<b>Use of substance/mixture:</b>	Drain Opener. Do not use for any other function.
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**1.3. Details of the supplier of the Safety Data Sheet**

<b>Company name:</b>	WIPEOUT LTD Unit 45, Cookstown Industry Estate 3 <sup>rd</sup> Avenue Tallaght Dublin24 Ireland
<b>Tel:</b>	+353 (0)1 451 66 66
<b>Email:</b>	info@wipeout.ie

**1.4. Emergency telephone number**


<b>Emergency tel:</b>	+353 (0)1 809 2566 or (0)1 837 9964 The National Poisons Information Centre
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**Section 2. Hazards identification**

**2.1. Classification of the substance or mixture**

<b>Classification under CLP Regulation No. 1272/2008:</b>	Human health: Causes severe skin burns and eye damage. Environment: This product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.
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**2.2. Label elements**

<b>Label elements:</b>	Contains SULPHURIC ACID 96%
<b>Hazard statements:</b>	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage.
<b>Signal words:</b>	Corrosive
<b>Hazard pictograms:</b>	
<b>Precautionary statements:</b>	P102 Keep out of the reach of children P260 Do not breathe dust/fume/gas/mist/vapours/spray P262 Do not get in eyes, on skin or on clothing P264 Wash hands thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection P301 & 310 If Swallowed: Rinse out mouth immediately with water. Immediately call a poison centre or doctor/physician. P302 & 310 If on skin: Remove contaminated clothing & rinse skin thoroughly with soap & water. Immediately call a poison centre or doctor/physician P304 If Inhaled: Remove immediately from source to fresh air. Obtain medical attention if any discomfort continues. P305 & 310 If in eyes: Flush eyes with water, remove contact lenses if present & continue rinsing. Immediately call a poison centre or doctor/physician.

**2.3. Other hazards**

<b>PBT:</b>	Reacts violently with water
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### Section 3. Composition/information on ingredients

#### 3.2. Mixtures

Chemical Name	EC No.	CAS No.	EC-Index-No.	CHIP Classification 67/548/EEC	CLP Classification Regulation (EC) No 1272/2008	Percent
SULPHURIC ACID	231 -639-5	7664-93-9	-	C;R35	Skin Corr. 1A - H314	96%

A Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### Section 4. First aid measures

#### 4.1. Description of first aid measures

<b>Skin contact:</b>	Remove contaminated clothing & rinse skin thoroughly with soap & water. Obtain medical attention.
<b>Eye contact:</b>	Flush eyes with water immediately. Obtain medical attention.
<b>Ingestion:</b>	Rinse out mouth immediately with water. Obtain medical attention.
<b>Inhalation:</b>	Remove immediately from source to fresh air. Obtain medical attention.
<b>Protection of first aider:</b>	Avoid contact with skin and eyes (see Section 8.)

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Skin contact:</b>	Causes severe burns.
<b>Eye contact:</b>	Causes severe burns. Risk of serious damage to eyes
<b>Ingestion:</b>	Ingestion causes severe damage to the mucous membranes or deeper tissue of the mouth, throat, oesophagus and stomach.
<b>Inhalation:</b>	Spray mists may cause respiratory tract irritation. Prolonged inhalation may cause damage to the upper respiratory tract and cause irritation of the mucous membranes of the nose.
<b>Delayed / immediate effect:</b>	-

#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Immediate / special treatment:</b>	The severity of the symptoms described will vary dependant of the concentration and the length of exposure.
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### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

<b>Extinguishing media:</b>	Water, Foam	<b>Unsuitable:</b>	Water jet
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#### 5.2. Special hazards arising from the substance or mixture

<b>Exposure hazards:</b>	May generate toxic and explosive fumes in a fire.
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#### 5.3. Advice for fire-fighters

<b>Advice for fire-fighters:</b>	Fire fighters should wear self-contained breathing apparatus & body protective clothing.
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### Section 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions:</b>	Provide adequate ventilation & avoid contact with skin and eyes (see Section 8.)
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### 6.2. Environmental precautions

<b>Environmental precautions:</b>	If size of spillage warrants and has contaminated water courses, drains or vegetation advise the appropriate authorities. Evacuate the area.
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### 6.3. Methods and material for containment and cleaning up

<b>Clean-up procedures:</b>	Small Spills - Flush with water. Large Spills - Contain and collect spillage and absorb to inert, damp non-combustible material then flush area with water. Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
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### 6.4. Reference to other sections

<b>Reference to other sections:</b>	n/a
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## Section 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Handling requirements:</b>	No special measures required. Avoid inhalation & contact with eyes and skin. Comply with instructions for use.
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### 7.2. Conditions for safe storage, including any incompatibilities

<b>Technical Measures:</b>	No special measures required.
<b>Storage conditions:</b>	Store in a locked cool dry place away from sunlight and out of reach of children (See section 10).
<b>Incompatible Products:</b>	Contact with concentrated hydrochloric acid will liberate irritating fumes of hydrogen chloride gas. Reactions with concentrated alkalis generate much heat. Never add water to this product. Liberates carbon dioxide from carbonates and bicarbonates. Avoid contact with oxidising agents. Corrosive to most metals such as Aluminium, brass, tin & zinc are readily attacked by this product.
<b>Suitable packaging:</b>	Plastic Drums. Recommended Packing Materials: Plastic Materials, Polyethylene, Polypropylene. Not Suitable - Uncoated Metal Drums.

## Section 8: Exposure controls / personal protection

### 8.1. Control parameters

Name	STD	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15 minute reference period)		Notes
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
SULPHURIC ACID	OELV	0.5	-	-	-	IOELV

OELV = Occupational Exposure Limit Value

### 8.2. Personal Protection

<b>Respiratory protection:</b>	In areas of confined space use respiratory equipment with combination filter (type E2/P2)
<b>Hand protection:</b>	Use Chemical Resistant Gauntlet type Gloves to EN Standard 374 Level 1, Letter Code K
<b>Eye protection:</b>	Use Chemical Goggles or Face Shield to EN Standard 166 Level 3 or higher
<b>Skin protection:</b>	Wear Plastic Apron EN Standard 13034 Type PB[6] & Face Shield EN Standard 166 Level 3 or higher and rubber footwear.

### 8.3 Hygiene Measures

	Handle in accordance with good industrial hygiene and safety practices.
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**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

<b>State:</b>	Clear Oily Liquid.		
<b>Colour:</b>	Colourless/Yellow/Brown		
<b>Odour:</b>	Slightly pungent		
<b>pH:</b>	>1		
<b>Solubility in water:</b>	Soluble in Water		
<b>Viscosity:</b>	-		
<b>Flammability limits%:</b> <b>lower:</b>	Not Determined	<b>Upper:</b>	Not Determinate
<b>Flash point °C</b>	Not Determined	<b>Relative density:</b>	1.80kg/dm <sup>3</sup>

**Section 10: Stability and reactivity**

**10.1. Reactivity**

<b>Reactivity:</b>	Reacts violently with water.
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**10.2. Chemical stability**

<b>Chemical stability:</b>	Stable under normal temperature conditions and recommended use.
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**10.3. Possibility of hazardous reactions**

<b>Hazardous reaction:</b>	Contact with concentrated hydrochloric acid will liberate irritating fumes of hydrogen chloride gas. Reactions with concentrated alkalis generate much heat. Liberates carbon dioxide from carbonates and bicarbonates.
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**10.4. Conditions to avoid**

<b>Conditions to avoid:</b>	Avoid Extreme Temperatures. Avoid contact with alkalis & oxidising agents.
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**10.5. Incompatible materials**

<b>Materials to avoid:</b>	Alkalis & Oxidizing agents. Aluminium, brass, tin & zinc produces hydrogen.
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**10.6. Hazardous decomposition products**

<b>Haz. decomp. products:</b>	Explosive gases/vapours/fumes of: Hydrogen, SO <sub>2</sub>
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**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

<b>Symptoms / routes of exposure</b>	
<b>Skin contact:</b>	Corrosive to the skin, causes severe burns.
<b>Eye contact:</b>	Causes severe burns. Risk of serious damage to eyes
<b>Ingestion:</b>	Ingestion causes hematemesis, oesophageal and gastric perforation severe damage to the mucous membranes or deeper tissue of the mouth, throat, oesophagus and stomach.
<b>Inhalation:</b>	Spray mists may cause respiratory tract irritation. Prolonged inhalation may cause damage to the upper respiratory tract and cause irritation of the mucous membranes of the nose.

### 11.2 Toxicological information on ingredients

SULPHURIC ACID (CAS: 7664-93-9)  
Acute toxicity: Acute Toxicity (Oral LD<sub>50</sub>)  
2440 mg/kg Rat  
IUCLID chemical data sheet.

## Section 12: Ecological information

Eco-toxicity: Large amounts of this product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms

### 12.1. Toxicity

<b>Ecotoxicity values:</b>	SULPHURIC ACID (CAS: 7664-93-9)  Acute Toxicity - Fish LC50 96 hours 100 mg/l IUCLID chemical data sheet.  Acute Toxicity - Algae EC50 72 hours 24 mg/l (Seleastrum Capricomutum) IUCLID chemical data sheet.
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### 12.2. Persistence and degradability

<b>Persistence and degradability:</b>	The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
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### 12.3. Bioaccumulative potential

<b>Bioaccumulative potential:</b>	No evidence of bioaccumulation or tainting of seafood.
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### 12.4. Mobility on soil

<b>Mobility:</b>	The product is soluble in water
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### 12.5. Results of PBT and vPvB assessment

<b>PBT identification:</b>	Not determined.
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### 12.6. Other adverse effect

<b>Other adverse effect:</b>	Pollute earth and water.
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## Section 13: Disposal considerations

General information: Waste to be treated as hazardous waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### 13.1. Waste treatment methods

<b>Disposal operations:</b>	Dispose of waste in accordance with local regulations. Recover, reclaim or recycle, where possible.
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## Section 14: Transport information

The product is not covered by international regulation on the transport of dangerous goods:

REGULATIONS	CLASS
RID/ADR:	8/80
ICAO/IATA-DGR:	8 UN 1830
GGVSee/IMDG-Code:	8 / 1830

### 14.1. UN number

<b>UN number:</b>	UN 1830
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**14.2. UN proper shipping name**

<b>Shipping name:</b>	Sulphuric Acid 96%
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**14.3. Transport hazard class(es)**

<b>Transport class:</b>	8
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**14.4. Packing group**

<b>Packing group:</b>	II
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**14.5. Environmental hazards**

<b>Environmentally hazardous:</b>	Yes	<b>Marine pollutant:</b>	Yes
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**14.6. Special precautions for user**

<b>Special precautions:</b>	n/a
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**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

n/a

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>Statutory Instruments:</b>	Corresponding to Preparations Regulations S.I. No. 62 of 2004
<b>Approved Code Of Practice:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply. 6 / 7
<b>Guidance Notes:</b>	Workplace Exposure Limits EH40.
<b>EU Legislation</b>	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

**15.2. Chemical Safety Assessment**

<b>Chemical safety assessment:</b>	No chemical safety assessment has been carried out.
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**Section 16: Other information**

**Other information**

<b>Revision Comments:</b>	Re-issued according to Regulation (EU) No 453/2010. Revision Date: 01.01.14 Revision No: 3 Replaces version of: 01.01.13
<b>Phrases used in Section 2 and section 3:</b>	Risk Phrases In Full R35 Causes Severe burns.  Hazard Statements In Full H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage.
<b>Legal disclaimer:</b>	The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.