

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

**1.1. Product identifier**

<b>Product name:</b>	SCALEKLEER
<b>Product code:</b>	D7
<b>Manufacturer code:</b>	KR 322

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

<b>Use of substance/mixture:</b>	Cleaning agent
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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>	Wipeout +353 1 451 6666 (office hours 8-5) +353 (0) 86 252 8481 or The National Poisons Information Centre +353 (0)1 809 2566 or (0)1 837 9964
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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>	Non-ionic surfactants Contains: Phosphoric Acid
<b>Hazard statements:</b>	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 If on skin: Remove contaminated clothing & rinse skin thoroughly with soap & water. Obtain medical attention if irritation persists. 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**

	N/A
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### Section 3. Composition/information on ingredients

#### 3.2. Mixtures

<b>Hazardous ingredients:</b>	PHOSPHORIC ACID
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Chemical Name	EC No.	CAS No.	EC-Index- No.	CHIP Classificatio n 67/548/EEC	CLP Classification Regulation (EC) No 1272/2008	Percent
PHOSPHORIC ACID	231-633-2	7664-38-2		C;R34	Skin Corr. 1B - H314	30-50%
ALCOHOL ETHOXYLATE	500-457-0	160901-19-9		Xn;R22 Xi;R41 N;R50	Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	0-3%
DIPROPYLENE GLYCOL MONOMETHYL ETHER	252-104-2	34590-94-8		Not Classified	Not Classified	5-10%

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 if irritation persists.
<b>Eye contact:</b>	Flush eyes with water immediately. Obtain medical attention if irritation persists.
<b>Ingestion:</b>	Rinse out mouth immediately with water. Consult a doctor if irritation persists.
<b>Inhalation:</b>	Remove immediately from source to fresh air. Obtain medical attention if any discomfort continues.

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

<b>Skin contact:</b>	May cause skin irritation
<b>Eye contact:</b>	Irritating to eyes.
<b>Ingestion:</b>	May cause discomfort if swallowed. May cause internal injury
<b>Inhalation:</b>	Spray mists may cause respiratory tract irritation
<b>Delayed / immediate effect:</b>	n/a

#### 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>Suitable extinguishing media:</b>	Small Fire: Carbon Dioxide, dry chemical powder, alcohol resistant foam or water fog. Large Fire: Alcohol resistant foam or water fog.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards:</b>	Vaporises on heating to liberate highly irritating mists of phosphoric acid. May decompose in a fire to generate irritating fumes of phosphorous pentoxide. Attacks most metals, liberating flammable hydrogen gas, which may form an explosive mixture with air.
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#### 5.3. Advice for fire-fighters

<b>Advice for fire-fighters:</b>	May generate toxic and explosive fumes in a fire, therefore fire fighters should wear self-contained breathing apparatus and full 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>	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 appropriate authorities
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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 on to sand.
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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>Technical Measures:</b>	No special measures required.
<b>Safe Handling Advice:</b>	Avoid contact with eyes and skin. Comply with instructions for use.

**7.2. Conditions for safe storage, including any incompatibilities**

<b>Technical measures:</b>	No special measures required.
<b>Storage conditions:</b>	Store in a cool dry place.
<b>Incompatible products:</b>	Avoid Extreme Temperatures. Alkalis, Strong Oxidizing Agents. Mild steel, cast iron, aluminium, aluminium alloys, brasses, tinned and galvanized materials are all attacked.
<b>Packaging:</b>	Plastic Drums.
<b>Packaging materials:</b>	Recommended: Plastic Materials, Polyethylene, Polypropylene. Not Suitable - Uncoated Metal Drums.

**Section 8: Exposure controls / personal protection**

**8.1. Control parameters**

<b>Occupational exposure limits:</b>	Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
	PHOSPHORIC ACID	OELV	1 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	

OELV = Occupational Exposure Limit Value.

**8.2. Exposure controls**

<b>Engineering measure:</b>	No special measures required.
<b>Respiratory protection:</b>	Provide adequate ventilation in areas of confined space.
<b>Hand protection:</b>	Use Chemical Resistant 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
<b>Hygiene measures:</b>	Handle in accordance with good industrial hygiene and safety practices.

**Section 9: Physical and chemical properties**

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

<b>State:</b>	Clear Liquid		
<b>Colour:</b>	Clear		
<b>Odour:</b>	Slight Chemical		
<b>Solubility in water:</b>	100% Soluble in Water		
<b>Explosive properties:</b>	None.		
<b>Flash point °C</b>	None.	<b>Relative density:</b>	1.16kg/dm3

**9.2. Other information**

<b>Other information:</b>	n/a
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**Section 10: Stability and reactivity**

**10.1. Reactivity**

<b>Reactivity:</b>	There are no known reactivity hazards associated with this product.
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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>	Hazardous Polymerisation N/A
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**10.4. Conditions to avoid**

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

<b>Materials to avoid:</b>	Alkalis & or oxidizing agents
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**10.6. Hazardous decomposition products**

<b>Haz. decomp. products:</b>	Oxides of Phosphorus and other toxic fumes
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**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

<b>Inhalation:</b>	Spray mists may cause irritation and corrosion to skin, eyes, respiratory and digestive tracts.	
<b>Ingestion:</b>	Harmful if swallowed. May burn the mouth and upper digestive tract.	
<b>Skin contact:</b>	Corrosive and Irritating to skin. Will burn skin on contact	
<b>Eye contact:</b>	Risk of serious damage to eyes.	

**11.2. Toxicological Information on ingredients:**

<b>PHOSPHORIC ACID (CAS: 7664-38-2)</b>		
Toxic Dose 1 - LD 50 >1530	Acute Toxicity (Dermal LD50) >2740 mg/kg Rabbit REACH dossier information	
<b>ALCOHOL ETHOXYLATE (CAS: 68439-45-2)</b>		
Acute Toxicity (Oral LD50) > 5000 mg/kg Rat REACH dossier information	Acute Toxicity (Dermal LD50) > 2000 mg/kg Rat REACH dossier information	Acute Toxicity (Inhalation LC50) > 1.6 mg/l (dust/mist) Rat 4 hours REACH dossier information
<b>DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS: 34590-94-8)</b>		
Acute Toxicity (Oral LD50) > 5000 mg/kg Rat	Acute Toxicity (Dermal LD50) > 20 mL/kg Rat	Acute Toxicity (Inhalation LC50) > 275 ppm (vapours) Rat 7 hours

REACH dossier information	REACH dossier information	REACH dossier information
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**Section 12: Ecological information**

**Eco-toxicity**

This product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

**12.1. Toxicity**

Ecological information on ingredients:

<b>PHOSPHORIC ACID (CAS: 7664-38-2)</b>			
Acute Toxicity - Fish LC50 96 hours 702 µg/L Pimephales promelas (Fat-head Minnow) REACH dossier information	Acute Toxicity - Aquatic Invertebrates EC50 48 hours 0.67 mg/l Daphnia magna REACH dossier information	Acute Toxicity - Aquatic Plants EC50 72 hours 8 mg/l Desmodesmus subspicatus REACH dossier information	
<b>ALCOHOL ETHOXYLATE (CAS: 68439-45-2)</b>			
Acute Toxicity - Fish LC50 96 hours 0.59 mg/l Pleuronectes platessa REACH dossier information	Acute Toxicity - Aquatic Invertebrates EC50 48 hours 0.14 mg/l Daphnia magna REACH dossier information	Acute Toxicity - Aquatic Plants EC50 72 hours 0.75 mg/l Senastrum capricornutum REACH dossier information	
<b>DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS: 34590-94-8)</b>			
Acute Toxicity - Fish LC50 96 hours > 1000 Poecilia reticulata REACH dossier information	Acute Toxicity - Aquatic Invertebrates LC50 48 hours 1919 mg/l REACH dossier information	Acute Toxicity - Aquatic Plants EC50 72 hours > 969 mg/l Senastrum capricornutum REACH dossier information	NOEC 72 hours 969 mg/l Senastrum capricornutum REACH dossier information

**12.2. Persistence and degradability**

<b>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.
<b>Ecological information on ingredients.</b>	
<b>PHOSPHORIC ACID (CAS: 7664-38-2)</b>	<b>ALCOHOL ETHOXYLATE (CAS: 68439-45-2)</b>
Degradability: This product mainly consists of inorganic compounds which are not biodegradable. The remaining compounds of the product are expected to be easily biodegradable	Biodegradation. Activated sludge Degradation (72%) 28 days REACH dossier information The substance is readily biodegradable.

**12.3. Bioaccumulative potential**

<b>Bioaccumulative potential:</b>	No data available on bioaccumulation
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**Ecological information on ingredients.**

<b>PHOSPHORIC ACID (CAS: 7664-38-2)</b>	<b>ALCOHOL ETHOXYLATE (CAS: 68439-45-2)</b>
Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating	Bioaccumulation factor BCF 12.7 Pimephales promelas (Fat-head Minnow) REACH dossier information

**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 determinate
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**12.6. Other adverse effect**

<b>Other adverse effect:</b>	Not determinate
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**Section 13: Disposal considerations**

General information: Waste to be treated as controlled 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:

<b>REGULATIONS</b>	<b>CLASS</b>
RID/ADR:	8
ICAO/IATA-DGR:	8 UN 1805
GGVSee/IMDG-Code:	8

**14.1. UN number**

<b>UN number (ADR/RID/IMDG):</b>	UN 1805
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**14.2. UN proper shipping name**

<b>Shipping name (ADR/RID/IMDG/ICAO/ADN):</b>	n/a
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**14.3. Transport hazard class(es)**

<b>Transport class (ADR/RID/IMDG/ICAO/ADN):</b>	n/a	<b>Transport labels:</b>	n/a
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**14.4. Packing group**

<b>Packing group (ADR/RID/IMDG/ICAO):</b>	III
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**14.5. Environmental hazards**

<b>Environmentally hazardous:</b>	n/a	<b>Marine pollutant:</b>	n/a
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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
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**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: 01.01.13 Revision No: 2 Replaces version of: 01.01.10
<b>Phrases used in Section 2 and section 3:</b>	<b>Risk Phrases In Full</b> R34 Causes Burns <b>Hazard Statements In Full</b> 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.

