

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

1.1. Product identifier

Product name: Product code: Manufacturer code:	Moss Free PRT OIR 606
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance/mixture:	Cleaning Agent
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1.3. Details of the supplier of the Safety Data Sheet

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

1.4. Emergency telephone number


Emergency tel:	Wipeout +353 1 451 6666 (office hours 8-5) 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

Classification under CLP Regulation No. 1272/2008:	Human health: Causes severe skin burns and eye damage. Environment: The product contains a substance which is very toxic to aquatic organisms.
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2.2. Label elements

Label elements:	<15% Chlorine Based Cleaning Agents Contains: SODIUM HYPOCHLORITE
Hazard statements:	H314 Causes severe skin burns and eye damage. H400 Very toxic to aquatic life EUH031 Contact with acids liberates toxic gas
Signal words:	Corrosive
Hazard pictograms:	
Precautionary statements:	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 P273 Avoid release to the environment. 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.



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	P305 & 310 If in eyes: Flush eyes with water, remove contact lenses if present & continue rinsing. Immediately call a poison centre or doctor/physician. P405 Store locked up. P501 Dispose of contents/container to in accordance with local regulations. Recover, reclaim or recycle, where possible.
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2.3. Other hazards

	n/a
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Section 3. Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:	SODIUM HYPOCHLORITE
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Chemical Name	EC No.	CAS No.	EC-Index-No.	CHIP Classification 67/548/EEC	CLP Classification Regulation (EC) No 1272/2008	Percent
SODIUM HYPOCHLORITE SOLUTION. % Cl ACTIVE	231-668-3	7681-52-9		C;R34 R31 N;R50	EUH031 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	10-15%

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

Skin contact:	Remove contaminated clothing & rinse skin thoroughly with soap & water. Obtain medical attention if irritation persists.
Eye contact:	Flush eyes with water immediately. Obtain medical attention if irritation persists.
Ingestion:	Rinse out mouth immediately with water. Do not induce vomiting. Drink plenty of water. Consult a doctor & show this container or label.
Inhalation:	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

Skin contact:	May cause skin burns.
Eye contact:	May irritate or burn eyes.
Ingestion:	Harmful if swallowed, seek medical advice immediately & show this container or label.
Inhalation:	Spray mists may cause respiratory tract irritation.

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

Immediate / special treatment:	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

Extinguishing media:	Suitable: The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials. Unsuitable: N/A
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5.2. Special hazards arising from the substance or mixture

Exposure hazards:	During fire, toxic gases (CO, CO2) are formed. Chlorine gas.
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5.3. Advice for fire-fighters

Advice for fire-fighters:	Avoid fumes. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:	Wear protective clothing as described in Section 8 of this safety data sheet
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6.2. Environmental precautions

Environmental precautions:	Avoid discharge to the aquatic environment.
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6.3. Methods and material for containment and cleaning up

Clean-up procedures:	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

Reference to other sections:	n/a
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Section 7: Handling and storage

7.1. Precautions for safe handling

Technical Measures:	No special measures required.
Safe Handling Advice:	Avoid contact with skin & eyes. Comply with instructions for use.

7.2. Conditions for safe storage, including any incompatibilities

Technical Measures:	No special measures required.
Storage conditions:	Store in a cool dry place.
Incompatible Products:	Acids, Strong Oxidizing Agents.
Packaging:	Plastic Drums.
Suitable packaging:	Recommended: Plastic Materials, Polyethylene, Polypropylene

7.3. Specific end use(s)

Specific end use(s):	n/a
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Section 8: Exposure controls / personal protection

8.1. Engineering measure

	No special measures required
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8.2. Personal Protection Equipment:

Respiratory protection:	Provide adequate ventilation in areas of confined space.
Hand protection:	Use Chemical Resistant Gloves to EN Standard 374 Level 1, Letter Code K
Eye protection:	Use Chemical Goggles or Face Shield to EN Standard 166 Level 3 or higher
Skin protection:	Wear Plastic Apron EN Standard 13034 Type PB[6] & Face Shield EN Standard 166 Level 3 or higher

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

State:	Clear liquid.		
Colour:	Slight Yellow.		
Odour:	Strong Chlorine.		
Solubility in water:	Yes		
Explosion limits%:	Lower:	None	Upper: None
Flash point °C	None.		Density: 1.25kg/dm3

9.2. Other information

Other information:	n/a
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Section 10: Stability and reactivity
10.1. Reactivity

Reactivity:	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Chemical stability:	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Hazardous reaction:	Hazardous Polymerisation
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10.4. Conditions to avoid

Conditions to avoid:	Avoid Extreme Temperatures. Avoid contact with acids &/or oxidising agents.
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10.5. Incompatible materials

Materials to avoid:	Acids &/or oxidizing agents
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10.6. Hazardous decomposition products

Haz. decomp. products:	None under normal conditions
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Section 11: Toxicological information
11.1. Information on toxicological effects

Inhalation	Spray mists may cause respiratory tract irritation.
Ingestion	Harmful if swallowed. May burn the mouth and upper digestive tract
Skin contact	Corrosive to skin. May burn the skin after prolonged contact
Eye contact	Risk of serious damage to eyes.

Hazardous ingredients:	Sodium Hypochlorite Solution. % Cl active (cas: 7681-52-9)	
Acute oral toxicity		
LD ₅₀ :	1100 mg/kg Rat	REACH dossier information
Acute dermal toxicity		
LD ₅₀ :	> 20000 mg/kg Rabbit	REACH dossier information
Acute inhalation toxicity		
LC ₅₀ :	> 10.5 mg/l (vapours) Rat 1 hour	REACH dossier information

Section 12: Ecological information**Eco-Toxicity**

This product is Readily Biodegradable and not expected to be hazardous to the environment.

12.1. Toxicity

Ecological information on ingredients:	SODIUM HYPOCHLORITE SOLUTION. % Cl ACTIVE (CAS: 7681-52-9)
Acute Toxicity to Fish	
LC ₅₀ 96 hours:	> .023 mg/l Pink salmon REACH dossier information
Acute Toxicity to Aquatic Invertebrates	
EC ₅₀ 48 hours:	35 µg/L Ceriodaphnia dubia REACH dossier information
NOEC 48 hours:	25 µg/L Ceriodaphnia dubia REACH dossier information
Acute Toxicity to Aquatic Plants	
EC ₅₀ 96 hours:	~ 0.01 mg/l Myriophyllum spicatum REACH dossier information
NOEC 96 hours:	0.02 mg/l Myriophyllum spicatum REACH dossier information

12.2. Persistence and degradability

Persistence and degradability:	The substances 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

Bioaccumulative potential:	No data available on bioaccumulation.
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12.4. Mobility on soil

Mobility:	The product is soluble in water.
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12.5. Results of PBT and vPvB assessment

PBT identification:	Not determined.
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12.6. Other adverse effect

Other adverse effect:	Not determined.
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Section 13: Disposal considerations

General Information:	Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
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13.1. Waste treatment methods

Disposal operations:	Dispose of waste in accordance with local regulations. Recover, reclaim or recycle, where possible.
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Section 14: Transport information**14.1. UN number**

UN number (ADR/RID/IMDG):	1791
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14.2. UN proper shipping name

Shipping name (ADR/RID/IMDG/ICAO/ADN):	SODIUM HYPOCHLORITE SOLUTION
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14.3. Transport hazard class(es)

Transport class (ADR/RID/IMDG/ICAO/ADN):	8	Transport labels:	
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14.4. Packing group

Packing group (ADR/RID/IMDG/ICAO):	II
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14.5. Environmental hazards

Environmentally hazardous:	yes	Marine pollutant:	yes
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14.6. Special precautions for user

Special precautions:	n/a
EmS Fire / Spill Codes:	
Tunnel code:	
Transport category:	

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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

Statutory Instruments:	Corresponding to Preparations Regulations S.I. No. 62 of 2004
Approved Code Of Practice:	Classification and Labelling of Substances and Preparations Dangerous for Supply. 6 / 7
Guidance Notes:	Workplace Exposure Limits EH40.
EU Legislation:	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

Chemical safety assessment:	No chemical safety assessment has been carried out.
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Section 16: Other information

Revision Comments:	Re-issued according to Regulation (EU) No 453/2010. Revision Date: 01.01.14 Revision No: 2 Replaces version of: 01.01.13
Phrases in full used in Section 2 and section 3:	Risk Phrases: R31 Contact with acids liberates toxic gas R34 Causes Burns N50 Very toxic to aquatic organisms Hazard Statements: H314 Causes severe skin burns and eye damage H400 Very toxic to aquatic life EUH031 Contact with acids liberates toxic gas
Legal disclaimer:	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.

