

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

1.1. Product identifier

Product name:	Mighty Muscle! With bleach
Product code:	CLMM
Manufacturer code:	800-277-0083

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

Identified uses:	Detergent. Disinfecting and cleaning.
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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:	sales@wipeout.ie

1.4. Emergency telephone number


Emergency tel:	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

Classification under Regulation No. 67/548/EEC or 1999/45/EC:	Physical hazards: Not Classified Health hazards: Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Environmental hazards: Not Classified
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2.2. Label elements

Hazard statements:	H315 Causes skin irritation. H319 Causes serious eye irritation.
Signal words:	Warning
Hazard pictograms:	
Precautionary statements:	P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P337+P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

PBT or vPvB:	This product does not contain any substances classified as PBT or vPvB
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Section 3. Composition/information on ingredients

3.1. Mixtures

Chemical Name	EC No.	CAS No.	REACH Reg No.	CHIP Classification 67/548/EEC or 1999/45/EC	CLP Classification Regulation (EC) No 1272/2008	M factor (Acute)	Percent
SODIUM HYDROXIDE	215-185-5	1310-73-2	01-2119457892-27-XXXX	C;R35	Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318		<1%

The 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:	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
Eye contact:	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.
Ingestion:	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Inhalation:	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

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

Skin contact:	Prolonged contact may cause redness, irritation and dry skin
Eye contact:	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

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

Immediate / special treatment:	No specific recommendations.
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Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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5.3. Advice for fire-fighters

Protective actions during firefighting:	Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:	For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.
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6.2. Environmental precautions

Environmental precautions:	Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Clean-up procedures:	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.
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6.4. Reference to other sections

Reference to other sections:	For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.
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Section 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Avoid contact with acids and other cleaning agents. Wear protective clothing as described in Section 8 of this safety data sheet
Advice on general occupational hygiene:	Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Use appropriate skin cream to prevent drying of skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions:	Store in tightly-closed, original container in a dry, cool and well-ventilated place.
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7.3. Specific end use(s)

Specific end use(s):	The identified uses for this product are detailed in Section 1.2.
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Section 8: Exposure controls / personal protection

8.1. Control parameters

Occupational exposure limits	Ingredient comments
SODIUM HYDROXIDE	Long-term exposure limit (8-hour TWA): WEL Short-term exposure limit (15-minute): WEL 2 mg/m ³ WEL = Workplace Exposure Limit

DNEL/PNEC Values

	DNEL	PNEC
STPP (CAS: 7758-29-4)	Workers - Inhalation; Long term systemic effects: 17.632 mg/m ³ Workers - Dermal; Long term systemic effects: 10 mg/kg/day Workers - Inhalation; Long term systemic effects: 4.348 mg/m ³ General population - Dermal; Long term systemic effects: 5 mg/kg/day General population - Oral; Long term systemic effects: 2.5 mg/kg/day	
SODIUM HYPOCHLORITE SOLUTION, ... % Cl ACTIVE (CAS: 7681-52-9)	Industry - Inhalation; Long term local effects: 1.55 mg/m ³ Industry - Inhalation; Long term systemic effects: 1.55 mg/m ³ Industry - Inhalation; Short term local effects: 3.1 mg/m ³ Industry - Inhalation; Short term systemic effects: 3.1 mg/m ³ Consumer - Inhalation; Long term local effects: 1.55 mg/m ³	- Fresh water; 0.00021 mg/l - Marine water; 0.000042 mg/l - Intermittent release; 0.00026 mg/l - STP; 0.03 mg/l



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	<p>Consumer - Inhalation; Long term systemic effects: 1.55 mg/m³</p> <p>Consumer - Inhalation; Short term local effects: 3.1 mg/m³</p> <p>Consumer - Inhalation; Short term systemic effects: 3.1 mg/m³</p> <p>Consumer - Oral; Long term systemic effects: 0.26 mg/kg/day</p>	
<p>ALCOHOLS, C12-14, ETHOXYLATED < 2.5 EO, SULFATES, SODIUM SALTS (CAS: 68891-38-3)</p>	<p>Workers - Dermal; Long term systemic effects: 2750 mg/kg/day</p> <p>Workers - Inhalation; Long term systemic effects: 175 mg/m³</p> <p>Consumer - Oral; Long term systemic effects: 15 mg/kg/day</p> <p>Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day</p> <p>Consumer - Inhalation; Long term systemic effects: 52 mg/m³</p>	<p>- Fresh water; 0.24 mg/l</p> <p>- Marine water; 0.024 mg/l</p> <p>- Intermittent release; 0.071 mg/l</p> <p>- Sediment, Fresh water; 5.45 mg/kg</p> <p>- Sediment, Marine water; 0.545 mg/kg</p> <p>- Soil; 0.946 mg/kg</p> <p>- STP; 10,000 mg/l</p>
<p>SODIUM HYDROXIDE (CAS: 1310-73-2)</p>	<p>Industry - Inhalation; Long term local effects: 1.0 mg/m³</p> <p>Consumer - Inhalation; Long term local effects: 1.0 mg/m³</p>	

8.2. Exposure controls

Engineering control:	Provide adequate ventilation.
Respiratory protection:	Respiratory protection not required.
Hand protection:	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Simple Design for minimal risk
Eye/face protection:	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. EN 166
Skin protection:	Use barrier creams to prevent skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures:	When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.
Environmental:	Avoid release to the environment. Users should be aware of environmental considerations and their duties under the environmental protection act. Further information may be found on Government websites: www.dti.gov.uk/access/index/htm and www.envirowise.gov.uk .

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid.		
Colour:	Light (or pale). Yellow.		
Odour:	Faintly of chlorine.	Odour threshold:	Not applicable
pH:	pH (concentrated solution): 12.0 typically		
Solubility in water:	Soluble in water.		
Evaporation rate:	Not determined	Evaporation factor:	Not applicable
Viscosity at 20°C:	Not determined.		
Ignition temperature:	Not applicable	Decomposition Temperature:	Not applicable
Melting point:	Not applicable.	Boiling point:	Not applicable.



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Explosive properties:	Not applicable		
Flash point °C	Not applicable.		
Vapour pressure:	Not determined.	Vapour density:	Not determined.
Relative density:	1.020 typically @ 20°C	Bulk density:	Not applicable.
Oxidising properties:	Not applicable.		
Comments:	Information given is applicable to the product as supplied		

9.2. Other information

Other information:	Not relevant.
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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 at normal ambient temperatures.
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10.3. Possibility of hazardous reactions

Hazardous reaction:	Contact with acids liberates toxic chlorine gas.
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10.4. Conditions to avoid

Conditions to avoid:	Avoid exposure to high temperatures or direct sunlight.
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10.5. Incompatible materials

Materials to avoid:	Acids.
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10.6. Hazardous decomposition products

Hazardous decomp. products:	Chlorine. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon
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Section 11: Toxicological information

11.1. Information on toxicological effects

Other health effects:	There is no evidence that the product can cause cancer
General information:	This product has low toxicity.
Ingestion:	May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
Skin contact:	Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.
Eye contact:	May cause temporary eye irritation.

Section 12: Ecological information

Ecotoxicity:	There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment
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12.1. Toxicity

Toxicity to fish	Not considered toxic to fish.
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12.2. Persistence and degradability

Persistence and degradability:	There are no data on the degradability of this product. The surfactant(s) contained in this product complies (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. Low potential for bioaccumulation.
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12.4. Mobility on soil

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

PBT or vPvB identification:	This product does not contain any substances classified as PBT or vPvB
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12.6. Other adverse effect

Other adverse effect:	None known.
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Section 13: Disposal considerations

13.1. Waste treatment methods

General information:	Do not discharge into drains or watercourses or onto the ground.
Disposal methods:	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging is recyclable. Wash out containers with water before disposal.

Section 14: Transport information

Road transport notes	Not classified.
Rail transport notes	Not classified.
Sail transport notes	Not classified.
Air transport notes	Not classified.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not relevant
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Section 15: Regulatory information

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

National regulations:	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
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	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). Workplace Exposure Limits EH40.
EU legislation:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Guidance:	COSHH Essentials. ECHA Guidance on the Application of the CLP Criteria. ECHA Guidance on the compilation of safety data sheets.

15.2. Chemical Safety Assessment

Chemical safety assessment:	A Chemical Safety Assessment (CSA) has been completed for Sodium hydroxide and Sodium hypochlorite.
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Section 16: Other information

Other information

Revision comments:	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date:	01/02/2016
Revision:	1
SDS number:	21162
Phrases used in Section 2 and section 3:	<p>Risk phrases in full Not classified. R31 Contact with acids liberates toxic gas. R34 Causes burns. R35 Causes severe burns. R50 Very toxic to aquatic organisms.</p> <p>Hazard statements in full H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation</p>
Legal disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.