First Wash

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

1.1 Product Identifier

Product name:	First Wash

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

Use of substance / mixture:	INSTANT CLEANER FOR CERAMIC AND PORCELAIN TILES

1.3 Details of the supplier of the safety data sheet

Company name:	TileMaster, Unit 11/12 Shepley Lane Ind Est, Marple, Hawk Green, Stockport, Cheshire SK6 7JW
Tel:	0161 444 0377
Fax:	0161 444 0377
Email:	info@tilemaster.co.uk

1.4 Emergency telephone number

Emergency tel:	England, Medical Toxicology Information Services: 0207 1880100 Wales&Ireland, National Poisons Information Service: 0844 8920111 Scotland, National Poisons Information Centre: 0870 600 6266

Section 2 - Hazards Identification

2.1 Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2015/830.
Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication: Serious eye damage, category 1 / H318 / Causes serious eye damage.

2.2 Label elements

Label elements:

Hazard statements:	H318: Causes serious eye damage.
Hazard pictograms:	GHS05: Corrosion
Signal words:	Danger
Precautionary statements:	P102: Keep out of reach of children P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P280: Wear eye protection / face protection. P310: Immediately call a POISON CENTER / doctor / P101: If medical advice is needed, have product container or label at hand.

2.3 Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

Section 3 - Composition/information on ingredients

3.2 Substances

Information not relevant

3.2 Mixtures

Contains:

PROPYLENE GLYCOL N-PROPYL ETHER		
Identification	x = Conc. %	Classification 1272/2008 (CLP)
CAS 1569-01-3 EC 216-372-4	2.5 ≤ x < 3 . 5	Flam. Liq. 3 H226, Eye Irrit. 2 H319

SULPHAMIDIC ACID		
Identification	x = Conc. %	Classification 1272/2008 (CLP)
CAS 5329-14-6 EC 226-218-8 INDEX 016-026-00-0	3 ≤ x < 4	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Aquatic Chronic 3 H412

Reg. no. 01-2119488633-28 - The full wording of hazard (H) phrases is given in section 16 of the sheet.

Section 4 - First aid measures

4.1 Description of first aid measures

Skin contact: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

Eye contact: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

Ingestion: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

Inhalation: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

4.3 Indication of any immediate medical attention and special treatment needed

Information not available

Section 5 - Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing equipment: The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

Unsuitable extinguishing equipment: None in particular.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: Do not breathe combustion products.

5.3 Advice for fire-fighters

General information: Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

Special protective equipment: Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

Section 6 - Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2 Environmental precautions

Environmental precautions: Product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3 Methods and material for containment and cleaning up

Clean up procedures: Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4 Reference to other sections

Reference to other sections: Any information on personal protection and disposal is given in sections 8 and 13.

Section 7 - Handling and storage

7.1 Precautions for safe handling

Handling requirements: Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store only in the original container. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3 Specific end use(s)

Specific end use(s): Information not available

Section 8 - Exposure controls/personal protection

8.1 Control parameters

1-PROPOXYPROPAN-2-OL - Predicted no-effect concentration - PNEC

Normal value in fresh water	0.1 mg/l
Normal value in marine water	0.01 mg/l
Normal value for fresh water sediment	0.386 mg/kg
Normal value for marine water sediment	0.0386 mg/kg
Normal value for water, intermittent release	1 mg/l
Normal value of STP microorganisms	4 mg/l
Normal value for the terrestrial compartment	0.0185 mg/kg

HEALTH - DERIVED NO-EFFECT LEVEL - DNEL / DMEL

	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation			VND	26 mg/m³			VND	217 mg/m³
Skin			VND	2.2 mg/kg/d			VND	9 mg/kg/d

SULPHAMIDIC ACID - Predicted no-effect concentration - PNEC	
Normal value in fresh water	0.048 mg/l
Normal value in marine water	0.0048 mg/l
Normal value for fresh water sediment	0.173 mg/kg
Normal value for marine water sediment	0.0173 mg/kg
Normal value for water, intermittent release	0.48 mg/l
Normal value of STP microorganisms	2 mg/l
Normal value for the food chain (secondary poisoning)	0.00638 mg/kg
Normal value for the terrestrial compartment	0.638 mg/kg

HEALTH - DERIVED NO-EFFECT LEVEL - DNEL / DMEL

	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral			VND	1.06 mg/kg bw/d				
Skin			VND	5 mg/kg bw/d			VND	10 mg/kg bw/d

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

8.2 Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

Hand protection:

Protect hands with category III work gloves (see standard EN 374).

The following must be considered for the final choice of the work glove material: compatibility, degradation, break time and permeation.

In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as unpredictable. The gloves have a wear time that depends on the duration and the mode of use

Recommended material: Nitrile, minimum 0.38 mm thickness or equivalent protective barrier material with a high level performance for continuous contact conditions, with a minimum permeability time of 480 minutes in accordance with the CEN EN 420 and EN standards 374.

Eye protection:

Wear a hood visor or protective visor combined with airtight goggles (see standard EN 166).

Skin protection:

Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Respiratory protection:

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

Environmental:

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Section 9 - Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid	Lower explosive limit	Not available
Colour	Transparent	Upper explosive limit	Not available
Odour	Typical	Vapour pressure	Not available
Odour threshold	Not available	Vapour density	Not available
pH	1.4	Relative density	1.01
Melting point / freezing point	Not available	Solubility	Soluble in water
Initial boiling point	>100°C	Partition coefficient: n-octanol/water	Not available
Boiling range	Not available	Auto-ignition temperature	Not available
Flash point	>60°C	Decomposition temperature	Not available
Evaporation Rate	Not available	Viscosity	Not available
Flammability of solids and gases	Not applicable	Explosive properties	Not applicable
Lower inflammability limit	Not available	Oxidising properties	Not applicable
Upper inflammability limit	Not available		

9.2 Other information

VOC (Directive 2010/75/EC) : 3.50 % - 35.35 g/litre

Section 10 - Stability and reactivity

10.1 Reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

10.2 Chemical stability

Chemical stability: The product is stable in normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions: No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4 Conditions to avoid

Conditions to avoid: None in particular. However the usual precautions used for chemical products should be respected.

10.5 Incompatible materials

Materials to avoid: Information not available

10.6 Hazardous decomposition products

Haz. decomp. products: In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

Section 11 – Toxicological information

11.1 Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information	Information not available
Information on likely routes of exposure	Information not available
Delayed and immediate effects as well as chronic effects from short and long-term exposure	Information not available
Interactive effects	Information not available

Acute Toxicity

LC50 (Inhalation) of the mixture:	Not classified (no significant component)
LD50 (Oral) of the mixture:	Not classified (no significant component)
LD50 (Dermal) of the mixture:	Not classified (no significant component)

1-PROPOXYPROPAN-2-OL				
ORL	RAT	LD50	>2000	mg/kg
SKN	RAT	LD50	>2000	mg/kg

SULPHAMIDIC ACID				
ORL	RAT	LD50	3160	mg/kg
SKN	RAT	LD50	>2000	mg/kg

Skin corrosion / irritation	Does not meet the classification criteria for this hazard class
Serious eye damage / irritation	Causes serious eye damage
Respiratory or skin sensitisation	Does not meet the classification criteria for this hazard class
Germ cell mutagenicity	Does not meet the classification criteria for this hazard class
Carcinogenicity	Does not meet the classification criteria for this hazard class
Reproductive toxicity	Does not meet the classification criteria for this hazard class
STOT - single exposure	Does not meet the classification criteria for this hazard class
STOT - repeated exposure	Does not meet the classification criteria for this hazard class
Aspiration hazard	Does not meet the classification criteria for this hazard class

Section 12 - Ecological information

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce

12.1 Toxicity

1-PROPOXYPROPAN-2-OL		
FISH	LC50	>100 mg/l/96h Rainbow Trout
CRUSTACEA	EC50	>100 mg/l/48h Daphnia Magna

SULPHAMIDIC ACID		
FISH	LC50	70.3 mg/l/96h pimephales promelas

12.2 Persistence and degradability

Persistence and degradability: 1-propoxypropan-2-ol: Rapidly degradable >70% 10d

12.3 Bioaccumulative potential

Bioaccumulative potential: Information not available

12.4 Mobility in soil

Mobility: Information not available

12.5 Results of PBT and vPvB assessment

PBT identification: On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

12.6 Other adverse effects

Other adverse effects: Information not available

Section 13 - Disposal considerations

13.1 Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Section 14 - Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1 UN number

UN number: Not applicable

14.2 UN proper shoppping name

Shipping name: Not applicable

14.3 Transport hazard class(es)

Transport class: Not applicable

14.4 Packing group

Packing group: Not applicable

14.5 Environmental hazards

Environmentally hazardous: Not applicable

14.6 Special precautions for user

Special precautions: Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Code: Information not relevant

Section 15 - Regulatory information

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

Seveso Category - Directive 2012/18/EC:	None
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006 Product	Point 3
Substances in Candidate List (Art. 59 REACH)	On the basis of available data, the product does not contain any SVHC in percentage greater than 0.1%.
Substances subject to authorisation (Annex XIV REACH)	None
Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:	None
Substances subject to the Rotterdam Convention:	None
Substances subject to the Stockholm Convention:	None
Healthcare controls	Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2 Chemical Safety Assessment

A chemical safety assessment has been performed for the following contained substances:

- Propylene glycol n-propyl ether
- Sulphamidic acid

Section 16 - Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Liq. 3	Flammable liquid, category 3
Eye Dam. 1	Serious eye damage, category 1
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3 Flammable liquid and vapour.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects

Legend	
ADR	European Agreement concerning the carriage of Dangerous goods by Road
CAS NUMBER	Chemical Abstract Service Number
CE50	Effective concentration (required to induce a 50% effect)
CE NUMBER	Identifier in ESIS (European archive of existing substances)
CLP	EC Regulation 1272/2008
DNEL	Derived No Effect Level
EmS	Emergency Schedule
GHS	Globally Harmonized System of classification and labeling of chemicals
IATA DGR	International Air Transport Association Dangerous Goods Regulation
IC50	Immobilization Concentration 50%
IMDG	International Maritime Code for dangerous goods
IMO	International Maritime Organization
INDEX NUMBER	Identifier in Annex VI of CLP
LC50	Lethal Concentration 50%
LD50	Lethal dose 50%
OEL	Occupational Exposure Level
PBT	Persistent bioaccumulative and toxic as REACH Regulation
PEC	Predicted environmental Concentration
PEL	Predicted exposure level
PNEC	Predicted no effect concentration
REACH	EC Regulation 1907/2006
RID	Regulation concerning the international transport of dangerous goods by train
TLV	Threshold Limit Value
TLV CEILING	Concentration that should not be exceeded during any time of occupational exposure.
TWA STEL	Short-term exposure limit
TWA	Time-weighted average exposure limit
VOC	Volatile organic Compounds
vPvB	Very Persistent and very Bioaccumulative as for REACH Regulation
WGK	Water hazard classes (German).

T +44 (0)161 444 0377
E info@tilemaster.co.uk
www.tilemaster.co.uk

The TileMaster Global Limited
Unit 11/12 Shepley Lane Ind Est, Marple,
Hawk Green, Stockport, Cheshire SK6 7JW

Registered in England No. 08778855
Registered Office: 22 The Bramhall,
Bramhall, Stockport, SK7 1AW

General bibliography

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
4. Regulation (EU) 2015/830 of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)

The Merck Index. - 10th Edition

Handling Chemical Safety

INRS - Fiche Toxicologique (toxicological sheet)

Patty - Industrial Hygiene and Toxicology

N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

IFA GESTIS website

ECHA website

Database of SDS models for chemicals - Ministry of Health

Note for users:

- The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.
- This document must not be regarded as a guarantee on any specific product property.
- The use of this product is not subject to our direct control: therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.
- Provide appointed staff with adequate training on how to use chemical products.

Classification method

Method for evaluating the information referred to in Article 9 of Regulation (EC) No 1272/2008 used for the purpose of classification:
expert judgment.