



# SAFETY DATA SHEET

## TRUWASH SURFACE CLEANER

### Safety Data Sheet (SDS)

according to Regulation (EC) No. 1907/2006

#### Section 1: Identification of the substance/mixture and of the company/undertaking 1.1

##### Product identifier

Product name	TruWASH Multi-Surface Cleaner
Synonyms, Trade names	No information available.

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

Identified uses	Surface cleaner.
Uses advised against	No uses advised against are identified.

##### 1.3 Details of the supplier of the safety data sheet

Supplier	TruWASH Ltd 8 Oldtown Street Cookstown BT80 8EF United Kingdom Tel: 07890 639 281 timanderson7@icloud.com
Contact person	

##### 1.4 Emergency telephone number

Emergency telephone	Emergency Telephone Number: 07890 639 281 08:30 - 17:00 Monday to Thursday 08:30 - 16:30 Friday
---------------------	---

#### Section 2: Hazards identification

##### 2.1 Classification of the substance or mixture

Classification (EC 1272/2008)	
Physical and chemical hazards	Me. Corr 1 - H290
Human health	Eye Irrit.2A - H319
Environment	Not classified

##### 2.2 Label elements

Contains	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides
----------	--

Label in accordance with (EC) no. 1272/2008	
---	--



Signal word	Warning
-------------	---------

Hazard statements	H290 May be corrosive to metals. H319 Causes serious eye irritation.
-------------------	---

Precautionary statements	<b>Prevention</b> P234 Keep only in original container. P280 Wear protective gloves/ protective clothing/eye protection/face protection. <b>Response</b> P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
--------------------------	--

P337 + P313 If eye irritation persists: Get medical advice/attention.

P390 Absorb spillage to prevent material damage.

**Storage**

P406 Store in corrosive resistant/ container with a resistant inner liner.

**2.3 Other hazards**

None known.

---

**Section 3: Composition/identification of ingredients**

---

**3.1 Substance**

Not applicable.

**3.2 Mixtures**

Name	Product identifier	Regulation (EC) No 1272/2008	%
Disodium metasilicate pentahydrate	CAS-No.: 10213-79-3 EC No.: 229-912-9 REACH Reg No.: 01-2119449811-37-XXXX	Me. Corr 1 - H290, Me. Corr 1 - H290, Skin Corr. 1B - H314, STOT SE 3 - H335	0.1-0.9%
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	CAS-No.: 308062-28-4 EC No.: 931-292-6 REACH Reg No.: 01-2119490061-47-0000	Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411, Acute Tox 4 - H302, Skin Irrit.2 - H315, Eye Dam. 1 - H318	0.1-0.9%

The full text for all hazard statements are displayed in section 16.

**Composition comments**

The data shown are in accordance with the latest EC Directives.

---

**Section 4: First aid measures**

---

**4.1 Description of first aid measures**

**General information**

Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all burns and eye injuries, regardless how minor they may seem. First aid personnel must be aware of own risk during rescue.

**Inhalation**

Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**Ingestion**

If this product is ingested, remove victim immediately from source of exposure. Rinse mouth thoroughly. Do not induce vomiting. Provide fresh air, warmth and rest. Get medical attention. Never give anything by mouth to an unconscious person.

**Skin contact**

Remove victim immediately from source of exposure. Remove contaminated clothing, shoes and jewelry and wash before reuse. Wash the skin immediately with water. Obtain medical attention if irritation persists or if blistering occurs.

**Eye contact**

Do not rub eye. If this product contacts the eyes, gently flush eyes with water for at least fifteen (15) minutes, lifting the upper and lower eyelids occasionally. Remove contact lenses if present and easy to do so. Avoid contaminating unaffected eye. Seek medical attention.

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

**General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**

No specific symptoms noted.

**Ingestion**

Exposure to liquid product may cause irritation to mouth, throat and esophagus.

**Skin contact**

Prolonged contact with skin may cause irritation.

**Eye contact**

Causes serious eye irritation, including redness and tearing.

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

**Notes to the physician**

Treat symptomatically.

---

**Section 5: Fire-fighting measures**

---

### 5.1 Extinguishing media

Extinguishing media	Use fire-extinguishing media appropriate for surrounding materials. This product is not flammable.
Unsuitable extinguishing media	High volume water jet.

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products	When heated, toxic and corrosive vapours/gases may be formed.
Unusual fire & explosion hazards	No unusual fire or explosion hazards noted.
Specific hazards	In the event of damage to packaging, floors may become slippery, avoid falls.

### 5.3 Advice for firefighters

Special fire fighting procedures	If possible, fight fire from protected position. Ventilate closed spaces before entering them. Keep up-wind to avoid fumes. Avoid breathing fire vapours. Containers close to fire should be removed immediately or cooled with water if safe to do so.
Protective equipment for firefighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

---

## Section 6: Accidental release measures

---

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

For non-emergency personnel	Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Eliminate all sources of ignition. Avoid inhalation of vapours and contact with skin and eyes. In case of inadequate ventilation, use respiratory protection. Do not touch or walk through spilled material. If necessary evacuate surrounding areas.
For emergency responders	Follow safe handling advice and personal protective equipment recommendations for normal use of product.

### 6.2 Environmental precautions

Environmental precautions	Do not discharge onto the ground or into water courses.
---------------------------	---

### 6.3 Methods and material for containment and cleaning up

Spill clean up methods	Stop leak if possible without risk. DO NOT touch spilled material! When dealing with a spillage, wear necessary protective equipment. Absorb spillage with non-combustible, inert absorbent material. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Wash thoroughly after dealing with a spillage. Floors may become slippery, avoid falls.
------------------------	---

### 6.4 Reference to other sections

Reference to other sections	See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.
-----------------------------	--

---

## Section 7: Handling and storage

---

### 7.1 Precautions for safe handling

Handling	Read and follow manufacturer's recommendations. Use proper personal protection when handling (refer to Section 8). Do not handle broken packages without protective equipment. Do not use contact lenses. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Do not eat, drink or smoke when using the product. Wash thoroughly after handling.
----------	---

### 7.2 Conditions for safe storage, including any incompatibilities

Storage precautions	Keep upright, locked up and out of reach of children. Keep the product in its original container. Store in cool dry areas away from direct sunlight or sources of ignition. Store separate from other products which react with acids and strong oxidising agents.
Storage class	Unspecified storage.

### 7.3 Specific end use(s)

Specific end use(s)  
Usage description

The identified uses for this product are detailed in Section 1.2.  
Use only according to directions. Replace and tighten cap after use.

---

## Section 8: Exposure controls/Personal protection

---

### 8.1 Control parameters

Ingredient comments

Ireland, Occupational Exposure Limits 2020.  
WEL - Workplace Exposure Limits - EH40/2005 Workplace exposure limits.  
No exposure limits noted for ingredient(s).

### 8.2 Exposure Controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

If ventilation is inadequate, suitable respiratory protection must be worn. EN 136/140/145/143/149. The specific respirator selected must be based on contamination levels found in the work place.

Hand protection

Where risk assessment shows air-purifying respirators are appropriate a full face respirator conforming to EN143 should be used, and suitable respirator cartridges as a backup to engineering controls. Use respiratory protective components with combined A/P filter(s) for organic vapours/particulates. Consult manufacturer for specific advice.

Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374) is recommended. (EU Directive 89/686/EEC). Gloves must be inspected prior to use. Suggested material: Nitrile rubber gloves. Minimum breakthrough time / gloves: 480 min. Minimum layer thickness: 0.4 mm. Consult manufacturer for advice. Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Eye protection

Wear safety goggles or face shield to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

Other protection

Wear appropriate clothing to prevent skin contact. The selected clothing must satisfy the European norm standard EN 943.

Hygiene measures

Observe normal hygiene standards. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Wash hands after use.

Process conditions

Ensure that eye flushing systems and safety showers are located close by in the work place.

---

## Section 9: Physical and chemical properties

---

### 9.1 Information on basic physical and chemical properties

Appearance

Liquid.

Colour

No information available.

Odour

No odour information available.

Odour threshold - lower

No information available as testing has not been completed.

Odour threshold - upper

No information available as testing has not been completed.

pH-Value, Conc. Solution

No information available as testing has not been completed.

pH-Value, Diluted solution

No information available as testing has not been completed.

Melting point

No information available as testing has not been completed.

Initial boiling point and boiling range	No information available as testing has not been completed.
Flash point	No information available as testing has not been completed.
Evaporation rate	No information available as testing has not been completed.
Flammability state	No information available as testing has not been completed.
Flammability limit - lower(%)	No information available as testing has not been completed.
Flammability limit - upper(%)	No information available as testing has not been completed.
Vapour pressure	No information available as testing has not been completed.
Vapour density (air=1)	No information available as testing has not been completed.
Relative density	No information available as testing has not been completed.
Bulk density	Not applicable as the product is a liquid.
Solubility	No information available.
Decomposition temperature	No information available as testing has not been completed.
Partition coefficient; n-Octanol/Water	No information available as testing has not been completed.
Auto ignition temperature ( ° C)	No information available as testing has not been completed.
Viscosity	No information available as testing has not been completed.
Explosive properties	Not classified as explosive.
Oxidising properties	The product does not meet the criteria to be classified as oxidising.

## 9.2 Other information

Molecular weight	Not applicable as the product is a mixture.
Volatile organic compound	No information available as testing has not been completed.
Other information	None noted.

---

## Section 10: Stability and reactivity

---

### 10.1 Reactivity

Reactivity	Reaction with: Strong oxidising agents. Acids.
------------	--

### 10.2 Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
-----------	---

### 10.3 Possibility of hazardous reactions

Hazardous reactions	For information on hazardous reaction see section 10.1.
Hazardous polymerisation	Unknown.
Polymerisation description	Unknown.

### 10.4 Conditions to Avoid

Conditions to avoid	Heat, sparks, open flames, temperature extremes and direct sunlight.
---------------------	--

### 10.5 Incompatible materials

Materials to avoid	Keep away from acids and oxidants. Do not mix with other chemicals unless listed on directions.
--------------------	---

## 10.6 Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

---

## Section 11: Toxicological information

---

### 11.1 Information on toxicological effects

Toxicological information	No toxicological information for the overall finished product.
Acute toxicity (Oral LD50)	No information available as testing has not been completed.
Acute toxicity (Dermal LD50)	No information available as testing has not been completed.
Acute toxicity (Inhalation LD50)	No information available as testing has not been completed.
Serious eye damage/irritation	Causes serious eye irritation.
Skin corrosion/irritation	The product is not classified as a skin corrosion/irritation hazard.
Respiratory sensitisation	The product is not classified as a respiratory hazard.
Skin sensitisation	The product is not classified as a skin sensitisation hazard.
Germ cell mutagenicity	The product is not classified as a mutagen.
Carcinogenicity	The product is not classified as a carcinogen hazard.
Specific target organ toxicity - Single exposure:	
STOT - Single exposure	The product is not classified as a single exposure specific target organ toxin.
Specific target organ toxicity - Repeated exposure:	
STOT - Repeated exposure	The product is not classified as a repeat exposure specific target organ toxin.
Inhalation	No specific symptoms noted.
Ingestion	Exposure to liquid product may cause irritation to mouth, throat and esophagus.
Skin contact	Prolonged contact with skin may cause irritation.
Eye contact	Causes serious eye irritation, including redness and tearing.
Waste management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Routes of entry	Eyes, skin, ingestion or inhalation.
Target organs	Eyes, skin, digestive system, respiratory system.
Aspiration hazards:	The product is not classified as an aspiration hazard.
Reproductive toxicity:	The product is not classified as a reproductive hazard.

Name	LD50 oral	LD50 dermal	LD50 inhalation
Disodium metasilicate pentahydrate	1152.00mg/kg Rat	>5000.00mg/kg Rat	>2.06g/m3 Rat 4 Hours
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	1064.00mg/kg Rat		

---

## Section 12: Ecological information

---

### 12.1 Toxicity

Acute toxicity - Fish	No information available as testing has not been completed.
Acute toxicity - Aquatic invertebrates	No information available as testing has not been completed.
Acute toxicity - Aquatic plants	No information available as testing has not been completed.
Acute toxicity - Microorganisms	No information available as testing has not been completed.
Chronic toxicity - Fish	No information available as testing has not been completed.
Chronic toxicity - Aquatic invertebrates	No information available as testing has not been completed.
Chronic toxicity - Aquatic plants	No information available as testing has not been completed.
Chronic toxicity - Microorganisms	No information available as testing has not been completed.
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Eco toxicological information	Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.

## 12.2 Persistence and degradability

Degradability	The degradability of the product has not been stated.
Biological oxygen demand	No information available as testing has not been completed.
Chemical oxygen demand	No information available as testing has not been completed.

## 12.3 Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.
Bioaccumulation factor	No information available as testing has not been completed.
Partition coefficient; n-Octanol/Water	No information available as testing has not been completed.

## 12.4 Mobility in soil

Mobility	No information available.
----------	---------------------------

## 12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Product is not identified as PBT or vPvB.

## 12.6 Other adverse effects

Other adverse effects	None known.
-----------------------	-------------

Name	Acute toxicity (Fish)	Acute toxicity (Aquatic invertebrates)	Acute toxicity (Aquatic plants)
Disodium metasilicate pentahydrate	LC50 96 Hours 210.00mg/l Brachydanio rerio (Zebra Fish)	EC50 48 Hours 1700.00mg/l Daphnia magna	EC50 72 Hours 207.00mg/l Scenedesmus Subspicatus

## Section 13: Disposal considerations

Waste management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
------------------	--

## 13.1 Waste treatment methods

Disposal methods	Dispose of waste and residues in accordance with local authority requirements. For waste disposal, use a licensed industrial waste disposal agent.
------------------	--

## Section 14: Transport information

### 14.1 UN number

UN no. (ADR)	Not applicable.
UN no. (IMDG)	Not applicable.
UN no. (IATA)	Not applicable.

### 14.2 UN proper shipping name

ADR proper shipping name	Not applicable.
IMDG proper shipping name	Not applicable.
IATA proper shipping name	Not applicable.

### 14.3 Transport hazard class(es)

ADR class	Not applicable.
IMDG class	Not applicable.
IATA class	Not applicable.

Transport labels	Not applicable
------------------	----------------

### 14.4 Packing group

ADR/RID/ADN packing group	Not applicable.
IMDG packing group	Not applicable.
IATA packing group	Not applicable.

**14.5 Environmental hazards**

ADR	No
IMDG	No
IATA	No

**14.6 Special precautions for user**

EMS	Not applicable.
Emergency action code	Not applicable.
Hazard no. (ADR)	Not applicable.
Tunnel restriction code	Not applicable.

**14.7 Transport in bulk according to annex II of MARPOL73/78 and the IBC code**

Not applicable.

**Section 15: Regulatory information****15.1 Safety, health and environmental regulations/Legislation specific for the substance or mixture**

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. Commission Regulation (EU) 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
Approved code of practice	Workplace Exposure Limits Guidance Note EH40/2005.  2020 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations (2001-2015) and the Safety, Health and Welfare at Work (Carcinogens) Regulations (2001-2019)
Chemical safety assessment	No chemical safety assessment has been carried out.

**Section 16: Other information**

General information	This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010.
Revision comments	This is a first issue.
Revision date	01 September 2020
Revision	1
Safety data sheet status	Approved.

**Hazard statements in full**

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.
H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H315	Causes skin irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.
H304	May be fatal if swallowed and enters airways.
H361	Suspected of damaging fertility or the unborn child .
H319	Causes serious eye irritation.

**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.