# Hull Whitener

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
SDS Ref.: Periodic review of SDS 3/15/2022
Date of issue: 8/15/2016 Revision date: 3/15/2019 Supersedes: 2/18/2019 Version: 1.3

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

### 1.1. Product identifier

| | |
|---|---|
| Product form | : Mixture |
| Product name | : Hull Whitener |
| Product code | : WP 1604 |
| Type of product | : Aqueous solution including surfactants,Organic acids,Dyes. |
| Product group | : Blend |

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

#### 1.2.1. Relevant identified uses

Use of the substance/mixture : Cleaner

#### 1.2.2. Uses advised against

No additional information available

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

Wessex Chemical Factors Ltd
9 Crane Way, Woolsbridge Industrial Park,
Three Legged Cross, Wimborne, Dorset
BH21 6FA - United Kingdom
T +44 (0) 1202 823 699 - F +44 (0) 1202 813 863
www.wessexchemicalfactors.co.uk
E-mail address of competent person responsible for the SDS : info@wessexchemicalfactors.co.uk

### 1.4. Emergency telephone number

Emergency number : +44 (0) 1202 823 699 (Office hours only 9am - 5pm Monday - Thursday, 9am - 4pm Friday.)
+44 (0) 7973629367 (Out of hours emergency number)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

| | |
|---|---|
| Acute toxicity (oral), Category 4 | H302 |
| Acute toxicity (dermal), Category 4 | H312 |
| Serious eye damage/eye irritation, Category 1 | H318 |

Full text of H statements : see section 16

**Adverse physicochemical, human health and environmental effects**

Harmful in contact with skin. Harmful if swallowed. Causes serious eye damage.

### 2.2. Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :

GHS05 GHS07

Signal word (CLP) : Danger

Hazardous ingredients : oxalic acid

Hazard statements (CLP) : H302+H312 - Harmful if swallowed or in contact with skin.
H318 - Causes serious eye damage.

Precautionary statements (CLP) : P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear eye protection, protective gloves, face protection.
P301+P312 - IF SWALLOWED: Call a doctor if you feel unwell.
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.
P310 - Immediately call a doctor, a POISON CENTER.
P312 - Call a doctor if you feel unwell.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P330 - Rinse mouth.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| oxalic acid | (CAS-No.) 144-62-7<br>(EC-No.) 205-634-3<br>(EC Index-No.) 607-006-00-8 | 3 - 10 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Eye Dam. 1, H318 |
| xanthan gum | (CAS-No.) 11138-66-2<br>(EC-No.) 234-394-2 | 1 - 3 | Not classified |
| C9-11 alcohol ethoxylate with 6.5 mol EO | (CAS-No.) 68439-46-3 | 0.1 - 1 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318 |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.

First-aid measures after skin contact : If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing.

First-aid measures after eye contact : Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Drink plenty of water. Call a physician immediately.

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

Symptoms/effects after skin contact : Effects of skin contact may include : redness.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Burning sensation. Sore throat.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : The product itself does not burn. However after the water has evaporated : possible risk of release of toxic fumes.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin, eyes and clothing.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Take up liquid spill into absorbent material. Scoop absorbed substance into closing containers.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Do not get in eyes, on skin, or on clothing. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

Incompatible products : Oxidizing agent. alkaline products.

### 7.3. Specific end use(s)

Cleaning.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| oxalic acid (144-62-7) | | |
|---|---|---|
| EU | Local name | Oxalic acid |
| EU | IOELV TWA (mg/m³) | 1 mg/m³ |
| EU | Regulatory reference | COMMISSION DIRECTIVE 2006/15/EC |
| Germany | TRGS 910 Acceptable concentration notes | |
| United Kingdom | Local name | Oxalic acid |
| United Kingdom | WEL TWA (mg/m³) | 1 mg/m³ 8 hours |
| United Kingdom | WEL STEL (mg/m³) | 2 mg/m³ 15 minutes |
| United Kingdom | Regulatory reference | EH40/2005 (Third edition, 2018). HSE |

### 8.2. Exposure controls

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

**Personal protective equipment:**

Safety glasses. Gloves.

| **Hand protection:** |
|---|
| Protective gloves |

| **Eye protection:** |
|---|
| Safety glasses |

| **Skin and body protection:** |
|---|
| Wear suitable protective clothing |

| **Respiratory protection:** |
|---|
| In case of insufficient ventilation, wear suitable respiratory equipment |

**Personal protective equipment symbol(s):**

**Environmental exposure controls:**

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid

Appearance : Viscous liquid.

Colour : light blue.

| | |
|---|---|
| Odour | : odourless. |
| Odour threshold | : No data available |
| pH | : 0.8 - 1 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : soluble in water. |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : Product is not explosive. |
| Oxidising properties | : Non oxidizing material according to EC criteria. |
| Explosive limits | : No data available |

### 9.2. Other information
No additional information available

## SECTION 10: Stability and reactivity
### 10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.
### 10.2. Chemical stability
Stable under normal conditions.
### 10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.
### 10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).
### 10.5. Incompatible materials
Oxidizing agent.
### 10.6. Hazardous decomposition products
When heated to decomposition, emits toxic fumes.

## SECTION 11: Toxicological information
### 11.1. Information on toxicological effects
| | |
|---|---|
| Acute toxicity (oral) | : Harmful if swallowed. |
| Acute toxicity (dermal) | : Harmful in contact with skin. |
| Acute toxicity (inhalation) | : Not classified |

| **Hull Whitener** | |
|---|---|
| LD50 oral rat | 375 mg/kg (5% Oxalic acid solution) |
| LD50 dermal rabbit | 1100 mg/kg Acute toxicity estimate (Oxalic acid) |

| **xanthan gum (11138-66-2)** | |
|---|---|
| LD50 oral rat | > 5000 mg/kg |
| LC50 inhalation rat (mg/l) | > 21 mg/l |

| **C9-11 alcohol ethoxylate with 6.5 mol EO (68439-46-3)** | |
|---|---|
| LD50 oral rat | < 2000 mg/kg |

| | |
|---|---|
| Skin corrosion/irritation | : Not classified<br>pH: 0.8 - 1 |
| Serious eye damage/irritation | : Causes serious eye damage.<br>pH: 0.8 - 1 |

| | |
|---|---|
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

## SECTION 12: Ecological information

### 12.1. Toxicity

| | |
|---|---|
| Ecology - general | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Acute aquatic toxicity | : Not classified |
| Chronic aquatic toxicity | : Not classified |

| C9-11 alcohol ethoxylate with 6.5 mol EO (68439-46-3) | |
|---|---|
| LC50 fish 1 | 1 - 10 mg/l |

| oxalic acid (144-62-7) | |
|---|---|
| LC50 fish 1 | 160 mg/l |
| EC50 Daphnia 1 | 162.2 mg/l |

### 12.2. Persistence and degradability

| xanthan gum (11138-66-2) | |
|---|---|
| Persistence and degradability | Readily biodegradable. |

| C9-11 alcohol ethoxylate with 6.5 mol EO (68439-46-3) | |
|---|---|
| Persistence and degradability | Readily biodegradable. |

| oxalic acid (144-62-7) | |
|---|---|
| Persistence and degradability | Readily biodegradable. |

### 12.3. Bioaccumulative potential

| xanthan gum (11138-66-2) | |
|---|---|
| Bioaccumulative potential | Not established. |

| C9-11 alcohol ethoxylate with 6.5 mol EO (68439-46-3) | |
|---|---|
| Bioaccumulative potential | Bioaccumulation unlikely. |

| oxalic acid (144-62-7) | |
|---|---|
| Log Pow | -1.74 |
| Bioaccumulative potential | Low. |

### 12.4. Mobility in soil

| xanthan gum (11138-66-2) | |
|---|---|
| Ecology - soil | Soluble material/quickly disperses in water. |

### 12.5. Results of PBT and vPvB assessment

| Component | |
|---|---|
| C9-11 alcohol ethoxylate with 6.5 mol EO (68439-46-3) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| oxalic acid (144-62-7) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

### 12.6. Other adverse effects

| | |
|---|---|
| Other adverse effects | : If the product is not neutralised, it may have harmful effects on the aquatic environment. May cause pH changes in aqueous ecological systems. |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a hazardous or special waste collection point.

Additional information : Container remains hazardous when empty. Continue to observe all precautions.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.2. UN proper shipping name** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.3. Transport hazard class(es)** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.4. Packing group** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.5. Environmental hazards** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available | | | | |

### 14.6. Special precautions for user

**Overland transport**

Not applicable

**Transport by sea**

Not applicable

**Air transport**

Not applicable

**Inland waterway transport**

Not applicable

**Rail transport**

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.
Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| **Abbreviations and acronyms:** | |
|---|---|
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| EC50 | Median effective concentration |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| PBT | Persistent Bioaccumulative Toxic |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| SDS | Safety Data Sheet |
| vPvB | Very Persistent and Very Bioaccumulative |

| **Full text of H- and EUH-statements:** | |
|---|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H318 | Causes serious eye damage. |

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*