

## Sach's Water Culture Medium – Lacking Sulphur 026036

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

#### 1.1 Product identifier

**Product name:** Sach's Water Culture Medium – Lacking Sulphur  
**Product number:** 026036  
**SDS number:** 905046  
**CAS No.:** No data available  
**EC No.:** No data available  
**Index No.:** No data available

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

**Identified use(s):** Sach's water culture medium is for use in educational science experiments.  
Professional use only. Use only as described in the Sach's water culture set user notes and safe handling instructions.

**Uses advised against:** Follow supplier's recommendations on correct use of the product.

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

**Supplier:** WF Education Group  
Phoenix House  
Battlefield Enterprise Park  
Stafford Drive  
Shrewsbury  
Shropshire  
SY1 3FE  
UNITED KINGDOM

**Telephone:** +44(0)1743 812 200

**Fax:**

**E-mail:** customer.support@wf-education.com

#### 1.4 Emergency telephone number

**In case of emergency, call:** +44 (0)1934 413 606 (Mon – Fri, 08:30 – 17:00 UK time)

### SECTION 2: Hazard Identification

#### 2.1 Classification of the substance or mixture

##### 2.1.1. Classification according to Regulation (EC) No. 1272/2008 (CLP)

No data available

##### 2.1.2. Classification according to Directive 67/548/EEC & Directive 1999/45/EC

No data available

## 2.2 Label elements

### 2.2.1. Label according to Regulation (EC) No. 1272/2008 (CLP)

Hazard pictogram(s):



<b>Signal Word:</b>	Danger
<b>Hazard Statement(s):</b>	H270 May cause or intensify fire; oxidizer
<b>Precautionary Statement(s):</b>	P221 Take any precautions to avoid mixing with combustibles. P233 Keep container tightly closed
<b>Supplemental Hazard information (EU):</b>	None.

## 2.3 Other hazards

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical name	% w/w	CAS No.	EC No.	Index No.	Classification (Regulation (EC) No. 1272/2008 (CLP))	Classification (Directive 67/548/EEC)
No data available						

See Section 16 for full description of R phrases and H statements.

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

- INHALATION:** Remove person to fresh air and keep comfortable for breathing. Keep warm and at rest. If irritation persists or if you feel unwell, obtain immediate medical attention.
- SKIN CONTACT:** Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Obtain immediate medical attention. Contaminated clothing should be washed before reuse.

**EYE CONTACT:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing, making sure to rinse under eyelids. Obtain immediate medical attention.

**INGESTION:** Do not induce vomiting. Provided the patient is conscious, rinse mouth out with water and give 200-300 mL of water to drink. Never give anything by mouth to an unconscious person. Obtain immediate medical attention.

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

#### 4.3 Indication of any immediate medical attention and special treatments needed:

In case of accident or if you feel unwell, seek medical advice immediately. If breathing is laboured, oxygen should be administered by qualified personnel.

## SECTION 5: Fire-fighting Measures

### 5.1 Extinguishing Media

**Suitable extinguishing media:** Water spray, CO<sub>2</sub>, sand, dry powder.

**Unsuitable extinguishing media:** Do not use water jet.

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

### 5.3 Advice for fire-fighters

## SECTION 6: Accidental Release Measures

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

#### 6.1.1 For non-emergency personnel

Eliminate sources of ignition. Ensure adequate ventilation. Avoid contact with skin and eyes. Do not breathe vapours/spray. Wear suitable personal protective equipment. Wear appropriate respirator when ventilation is inadequate (See Section 8).

#### 6.1.2 For emergency responders

Keep unnecessary personnel away. Wear suitable protective clothing (See Section 8). Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash it before reuse.

### 6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.

### 6.3 Methods and materials for containment and clearing up

#### 6.3.1 For containment

Stop the leak if it is safe to do so. Contain the spillage with sand, earth or any suitable adsorbent material.

**6.3.2 For cleaning up**

In case of spillage of entire contents: Use sand, earth or any suitable non-combustible adsorbent material to adsorb spillages. Dispose of contaminated material as waste according to Section 13.

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**6.3.3 Other advice**

**6.4 Reference to other sections**

See Section 8 for personal protective equipment. See Section 13 for waste disposal.

**SECTION 7: Handling and Storage**

**7.1 Precautions for safe handling**

No data available

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

No data available

**7.3 Specific end use(s)**

No data available

**SECTION 8: Exposure Controls/Personal Protection**

**8.1 Control parameters**

**Workplace exposure limits**

Source:

Substance	CAS No.	LTEL (8 hr TWA)		STEL (15 min)		Comments
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	

**8.2 Exposure controls**

**8.2.1 Appropriate engineering controls**

**8.2.2 Personal protection**

**Eye protection:** Goggles or safety glasses with side shields giving complete protection to eyes (EN 166).

**Skin protection:** Protective Clothing

**Hand protection:** Chemical-resistant gloves conforming (EN 374). Nitrile rubber gloves are recommended for normal use. Butyl rubber gloves are recommended if the contents of the generator are released. Contact glove supplier to confirm suitable glove material, thickness and breakthrough times.

<b>Other:</b>	Long sleeve protective clothing.
<b>Respiratory protection:</b>	Not normally required. Dust mask if conditions are dusty.
<b>Thermal hazards:</b>	Not applicable.

### 8.2.3 Environmental exposure controls

Inform environmental manager of all incidents involving this product.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	No data available
<b>Odour:</b>	No data available
<b>Odour threshold:</b>	No data available
<b>pH:</b>	No data available
<b>Melting/freezing point:</b>	No data available
<b>Initial boiling point and boiling range:</b>	No data available
<b>Flash point:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Flammability (solid; gas):</b>	No data available
<b>Upper/lower flammability or explosive limits:</b>	No data available
<b>Vapour pressure:</b>	No data available
<b>Vapour density:</b>	No data available
<b>Relative density:</b>	No data available
<b>Solubility(ies):</b>	No data available
<b>Partition coefficient: n-octanol/water:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Viscosity:</b>	No data available
<b>Explosive properties:</b>	No data available
<b>Oxidising properties:</b>	No data available

### 9.2 Other information

None known.

## SECTION 10: Stability and Reactivity

<b>10.1 Reactivity</b>	No data available
<b>10.2 Chemical stability</b>	No data available
<b>10.3 Possibility of hazardous reactions</b>	No data available
<b>10.4 Conditions to avoid</b>	No data available

10.5 Incompatible materials No data available

10.6 Hazardous decomposition products No data available

## SECTION 11: Toxicological Information

### 11.1 Information on toxicological effects

Acute toxicity No data available

Skin corrosion/irritation No data available

Serious eye damage/irritation No data available

Skin sensitisation No data available

Respiratory sensitisation No data available

Germ cell mutagenicity No data available

Carcinogenicity No data available

Reproductive toxicity No data available

Specific Target Organ Toxicity – single exposure No data available

Specific Target Organ Toxicity – repeated exposure No data available

Aspiration hazard No data available

### Information on likely routes of exposure

Inhalation No data available

Skin contact No data available

Eye contact No data available

Ingestion No data available

### Symptoms related to the physical, chemical and toxicological characteristics

Mixture versus substance Information No data available

Other information No data available

## SECTION 12: Ecological Information

12.1 Toxicity No data available

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data available

12.4 Mobility in soil No data available

12.5 Results of PBT and vPvB assessment No data available

12.6 Other adverse effects No data available

## SECTION 13: Disposal Considerations

### 13.1 Waste treatment methods

To be disposed of as hazardous waste. Disposal should be in accordance with local, state or national legislation.

## SECTION 14: Transport Information

### ADR

14.1	UN Number	Not dangerous goods
14.2	UN Proper shipping name	Not dangerous goods
14.3	Transport hazard class(es)	Not dangerous goods
14.4	Packing group	Not dangerous goods
14.5	Environmental hazards	No
14.6	Special precautions for the user	Not dangerous goods

### ADN

14.1	UN Number	Not dangerous goods
14.2	UN Proper shipping name	Not dangerous goods
14.3	Transport hazard class(es)	Not dangerous goods
14.4	Packing group	Not dangerous goods
14.5	Environmental hazards	No
14.6	Special precautions for the user	Not dangerous goods

### RID

14.1	UN Number	Not dangerous goods
14.2	UN Proper shipping name	Not dangerous goods
14.3	Transport hazard class(es)	Not dangerous goods
14.4	Packing group	Not dangerous goods
14.5	Environmental hazards	No
14.6	Special precautions for the user	Not dangerous goods

### IATA/ICAO

14.1	UN Number	Not dangerous goods
14.2	UN Proper shipping name	Not dangerous goods
14.3	Transport hazard class(es)	Not dangerous goods
14.4	Packing group	Not dangerous goods
14.5	Environmental hazards	No
14.6	Special precautions for the user	Not dangerous goods

### IMDG

14.1	UN Number	Not dangerous goods
14.2	UN Proper shipping name	Not dangerous goods
14.3	Transport hazard class(es)	Not dangerous goods
14.4	Packing group	Not dangerous goods
14.5	Environmental hazards	No
14.6	Special precautions for the user	Not dangerous goods
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	No data available

## SECTION 15: Regulatory Information

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

This Safety Data Sheet was prepared in accordance with EC Regulation (EC) No. 1907/2006 as amended. The product has been classified in accordance with Regulation (EC) No. 1272/2008 (CLP), Directive 67/548/EEC & Directive 1999/45/EC.

## 15.2 Chemical Safety Assessment

A chemical safety assessment is not required and has not been carried out.

## SECTION 16: Other Information

### Full text of relevant R-phrases and/or H-statements:

**Hazard Statement(s):** H270 May cause or intensify fire; oxidizer

**Supplemental Hazard information (EU):** None.

**Risk phrase(s):** P221 Take any precautions to avoid mixing with combustibles.  
P233 Keep container tightly closed

### Abbreviations:

CAS: Chemical Abstracts Service;  
EINECS: European Inventory of Existing Commercial Chemical Substances  
EC<sub>50</sub>: Effective Concentration 50%  
EL<sub>50</sub>: Effective Loading rate 50%  
IC<sub>50</sub>: Inhibitory Concentration 50%  
LC<sub>50</sub>: Lethal Concentration 50%  
LD<sub>50</sub>: Lethal Dose 50%  
LL<sub>50</sub>: Lethal Loading rate 50%  
LCLo: Lowest lethal concentration  
LOEL: Lowest Observed Effect Level  
NOEL: No Observed Effect Level  
PBT: Persistent, Bioaccumulative and Toxic.  
vPvB: Very Persistent and Very Bioaccumulative.

### References:

Supplier's Safety Data Sheets for ingredients  
ECHA disseminated REACH dossiers  
ECHA Classification & Labelling Inventory



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Approved Classification and Labelling Guide (Sixth edition)  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (CHIP)  
Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP)

**Disclaimer:**

THE INFORMATION PRESENTED HEREIN IS BELIEVED TO BE ACCURATE, BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM, IN ADVANCE OF NEED, THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.

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