

## 1 Substance Identification

**Product Details**

**Trade name:** Wax-Out!  
**Substance Application:** Textile Auxiliary  
**Supplier:** George Weil & Sons Ltd  
Old Portsmouth Road  
Peasmarsh  
Guildford  
Surrey  
Tel : 01483 565800  
**Emergency Information** Tel : 01483 421853 (eve and w/e)

## 2 Composition

**Chemical Characterisation**

Description: Non-ionic Detergent plus Polyacrylic acid, sodium salt in water dispersion, containing polyphosphate, plus Sodium Carbonate

**Dangerous Compounds**

Polymer Fatty Alcohol, ethoxylated Xn; R 22-41	40 – 80%
Polymer Fatty Alcohol, ethoxylated Xi; R 41	3 – 5%
Sodium Carbonate (anhydrous)	3 – 5%
Water	Balance

## 3 Hazard Identification

**Hazard designation**

Xi Irritant

**Particular dangers for man and environment**

R41 Risk of serious damage to eyes

**Classification System**

Classification based on guidelines from the EC, CESIO recommendations

## 4 First Aid measures

**General Information**

Instantly remove any clothing soiled by the product  
It is advisable to present this safety data sheet when visiting a doctor.

**After inhalation**

Provide with fresh air, consult doctor in presence of symptoms

**After skin contact**

Wash with water and soap and rinse thoroughly  
If skin irritation continues consult doctor

**After eye contact**

Rinse opened eye for several minutes under running water  
Call doctor immediately

**After swallowing**

Rinse out mouth and then drink plenty of water  
Do not induce vomiting. Call instantly for medical help

<b>Trade Name:</b>	<b>Wax-Out!</b>
5 Fire fighting measures	
<p><b>Suitable extinguishing agents</b> CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol resistant foam</p> <p><b>Special hazards caused by the material, its products of combustion or flue gases</b> In case of fire or smouldering fire harmful substances are released Can be released in case of fire: Oxides of carbon Phosphorous compounds Acrylic monomers During thermal decomposition hazardous and flammable vapours are set free</p> <p><b>Protective equipment</b> Wear self-contained breathing apparatus</p> <p><b>Additional information</b> Cool endangered containers with water jet In case of fire do not inhale smoke Dispose of fire debris and contaminated fire fighting water in accordance with official regulations</p>	
6 Accidental release measures	
<p><b>Person-related safety Precautions</b> Personal protection see point 8 Particular danger of slipping on leaked/spilled product</p> <p><b>Measures for environmental protection</b> Do not allow to enter ground, water or sewage system Pay attention to local or official regulations</p> <p><b>Measures for collecting/Cleaning</b> Absorb with liquid binding material(sand diatomite, sawdust) Clean the soiled surfaces thoroughly Dispose of material collected according to regulations</p>	
7 Handling and storage	
<p><b>Handling</b></p> <p><b>Information for safe handling</b> Keep containers tightly sealed Ensure good ventilation/exhaustion at the workplace</p> <p><b>Information about protection against explosions and fires</b> Keep ignition sources away – Do not smoke</p> <p><b>Sensitisation</b> No sensitising effect is known</p> <p>Additional toxicological information The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: Irritant</p> <p><b>Storage</b></p> <p><b>Requirements to be met by store room and containers</b> Always store in containers which correspond to the original ones</p> <p><b>Information about storage in one common storage facility</b> Not required</p> <p><b>Further information about storage conditions</b> Protect from temperatures over +60°C Protect from frost Keep containers tightly sealed</p> <p><b>Storage class:</b> 10 (according to VCI-outline)</p>	

**Trade Name:** Wax-Out!

8 Exposure controls and personal protection

**Additional information about design of technical systems**

No further data; see item 7

**Components with critical values that require monitoring at the workplace**

**Remarks**

The product does not contain any relevant quantities of materials with critical values to have to be monitored in the workplace

**Personal protective equipment**

**General protective and hygienic measures**

Avoid contact with eye and skin

Instantly remove any soiled and impregnated garments

The usual precautionary measures should be used when handling the chemicals

**Breathing equipment**

Use breathing protection in case of insufficient ventilation

Combination filter A/P

**Protection of hands**

Protective gloves, nitrile rubber thickness >0.35mm

**Penetration time of glove material**

Permeation value: level  $\geq 6$  (480 mins)

**Recommended wearing time**

50% of penetration time

**Eye Protection**

Tightly sealed safety glasses

Face protection

**Body protection**

Protective work clothing

9 Physical and chemical properties

**General information**

<b>Form.</b>	Fluid
<b>Colour:</b>	colourless – yellowish
<b>Smell:</b>	mild
<b>Melting point</b>	not determined
<b>Boiling point</b>	100°C
<b>Flash point</b>	>100°C
<b>Ignition point</b>	>200°C
<b>Decomposition temperature</b>	none if used according to instructions
<b>Self-inflammability</b>	not self igniting
<b>Danger of explosion</b>	not explosive
<b>Oxidising properties</b>	not applicable
<b>Steam pressure</b>	not applicable
<b>Density at 20°C</b>	1.1g/cm <sup>3</sup>
<b>Relative steam density</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Solubility in water</b>	Miscible
<b>pH value (100g/l)</b>	6.0 – 8.5

10 Stability and reactivity

**Conditions to be avoided**

No decomposition if used according to specifications

**Dangerous products of decomposition**

No dangerous decomposition if stored and handled appropriately

Can be released in case of fire

See section 5

**Trade Name:** Wax-Out!

3 Toxicological information

**Acute toxicity**

**LD/LC50 values relevant to classification**

OECD-Test 401; Oral LD50 >2000mg/kg (rat)

**Primary irritant effect:**

**On skin**

No irritant effect, has degreasing effect on skin

**On eye**

Danger of severe damage to eye (classified according to CESIO recommendations)

**In case of ingestion**

No damaging effect is known

**Sentisation**

No sensitising effect is known

**Additional toxicological information**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

12 Ecological information

**Information about elimination (persistence and degradability)**

**Method:** Zahn-Wellens-Test OECD 302B with CO<sub>2</sub> (DIN-EN 29439)

**Analysing Method:** DOC and CO<sub>2</sub> measurement

**Mineralisation:** 65%

**Degree of elimination:** 95%

**Evaluation text:** The product is "inherently biodegradable" according to the criteria of the OECD

**Other information:** The total of the surfactants in the product is judged to be readily biodegradable according to the OECD

The elimination of the other components of the product in a sewage clarification plant is carried out by means of abiotic processes such as flocculation and precipitation, sedimentation, adsorption to the activated sludge and mechanical precipitation.

**Ecotoxicological effects:**

**Aquatic toxicity**

**Fish toxicity LC50:** >1 – 10mg/l (96h), argument by analogy

**Daphnia toxicity EC 50 (OECD 202 pt 1 DIN 38412 pt 11, DEV L11)**

3.7mg/l (Daphnia magna, 48h)

**Algae toxicity EC50:** >1 – 10mg/l (72h), argument by analogy

**Behaviour in sewage processing plants**

**Bacteria toxicity EC10:**

**Bacteria toxicity EC50:** >1000mg/l (OECD 209)

**Other information**

If small concentrations are introduced into adapted biological sewage purification plants according to instructions there will be no negative effects on the degrading activity of the activated sewage sludge

**Additional ecological information:**

**Chemical oxygen demand COD (DIN 38 409 part 41, 43; DEV H41,43):** 1965mg O<sub>2</sub>/g

**Biochemical oxygen demand BOD5 (DIN 38 409 pt51; DEV H51):** 592mg O<sub>2</sub>/g

**AOX (DIN 38 409 dalis 14; DEV H 14)**

Because the components, which do not contain any organic halogens, this product does not increase the AOX values in the waste water

**Other information**

To our knowledge the product does not contain heavy metals and other compounds of EC directive 76/464 EC

The product should not be released into the aquatic environment without preliminary treatments (biological purification plant)

<b>Trade Name:</b> Wax-Out!
<div data-bbox="264 248 1350 311" style="border: 1px solid black; padding: 2px;">13 Disposal recommendations</div> <p><b>Product:</b>  <b>Recommendation:</b> disposal must be according to the official regulations  <b>Uncleaned packaging</b>  <b>Recommendations:</b> disposal must be according to the official regulations  <b>Recommended cleaning agent; water</b> if necessary with cleaning agent</p>
<div data-bbox="264 562 1350 633" style="border: 1px solid black; padding: 2px;">14 Transport information</div> <p><b>Transport/additional information</b>  Does not belong to dangerous goods according to transport regulations</p>
<div data-bbox="264 763 1350 835" style="border: 1px solid black; padding: 2px;">15 Regulatory information</div> <p><b>Designation according to EC guidelines</b>  Classification is based on guidelines from the EC, the GedStoffV, CESIO recommendations and is completed through information from the company  Observe the normal safety regulations when handling chemicals  <b>Code letter and hazard designation of product</b>  Xi irritant  <b>Risk phrases</b>  41 risk of serious damage to eyes  <b>Safety phrases</b>  26 In case of contact with skin rinse immediately with plenty of water and seek medical advice  28 After contact with skin, wash immediately with plenty of soap and water  37/39 Wear suitable gloves</p>
<div data-bbox="264 1267 1350 1328" style="border: 1px solid black; padding: 2px;">16 Other information</div> <p><b>This data is based on our present knowledge. However it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.</b></p> <p><b>Relevant R-phrases</b>  22 Harmful if swallowed  41 Risk of serious damage to eyes</p>