



**SAFETY DATA SHEET**  
**STAPLES TANNIN REMOVER SPD804**

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

**1.1. Product identifier**

|                         |                               |
|-------------------------|-------------------------------|
| Product name            | STAPLES TANNIN REMOVER SPD804 |
| Internal identification | SPD804                        |
| Container size          | 2x5L                          |

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

|                      |                                                                                                                    |
|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Identified uses      | Tannin (tea & coffee) stain remover. For use on china, plastic, melamine, stainless steel, chrome and most metals. |
| Uses advised against | Not for use on aluminium.                                                                                          |

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

|          |                                                                                                                        |
|----------|------------------------------------------------------------------------------------------------------------------------|
| Supplier | STAPLES CHEMICALS<br>NEVILLE HOUSE<br>BEAUMONT ROAD<br>BANBURY<br>OXON OX16 1RB<br>01295 251721<br>sales@cleenol.co.uk |
|----------|------------------------------------------------------------------------------------------------------------------------|

**1.4. Emergency telephone number**

|                     |                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Emergency telephone | In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only). |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Physical hazards      | Not Classified                                  |
| Health hazards        | Skin Corr. 1B - H314 Eye Dam. 1 - H318          |
| Environmental hazards | Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 |

**2.2. Label elements**

**Hazard pictograms**



|             |        |
|-------------|--------|
| Signal word | Danger |
|-------------|--------|

|                   |                                                                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements | H314 Causes severe skin burns and eye damage.<br>H400 Very toxic to aquatic life.<br>H411 Toxic to aquatic life with long lasting effects. |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|

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|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautionary statements</b>               | <p>P260 Do not breathe vapour/ spray.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P363 Wash contaminated clothing before reuse.</p> |
| <b>Contains</b>                               | SODIUM HYPOCHLORITE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Supplementary precautionary statements</b> | <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P391 Collect spillage.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>                 |

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

|                            |                        |                                                  |             |
|----------------------------|------------------------|--------------------------------------------------|-------------|
| <b>SODIUM HYPOCHLORITE</b> |                        |                                                  | <b>1-5%</b> |
| CAS number: 7681-52-9      | EC number: 231-668-3   | REACH registration number: 01-2119488154-34-XXXX |             |
| M factor (Acute) = 10      | M factor (Chronic) = 1 |                                                  |             |
| <b>Classification</b>      |                        |                                                  |             |
| Skin Corr. 1B - H314       |                        |                                                  |             |
| Eye Dam. 1 - H318          |                        |                                                  |             |
| Aquatic Acute 1 - H400     |                        |                                                  |             |
| Aquatic Chronic 1 - H410   |                        |                                                  |             |

The full text for all hazard statements is displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

|                     |                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Remove affected person from source of contamination. Get medical attention if symptoms are severe or persist.                                                                            |
| <b>Ingestion</b>    | Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.                                                                                            |
| <b>Skin contact</b> | Take off contaminated clothing. Wash with plenty of water. Get medical attention if symptoms are severe or persist after washing.                                                        |
| <b>Eye contact</b>  | Remove any contact lenses and open eyelids wide apart. Wash with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. |

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

|                   |                              |
|-------------------|------------------------------|
| <b>Inhalation</b> | May be harmful if inhaled.   |
| <b>Ingestion</b>  | May be harmful if swallowed. |

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|                     |                                                                |
|---------------------|----------------------------------------------------------------|
| <b>Skin contact</b> | May cause serious chemical burns to the skin.                  |
| <b>Eye contact</b>  | May cause severe eye irritation. May cause serious eye damage. |

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

|                             |                              |
|-----------------------------|------------------------------|
| <b>Notes for the doctor</b> | No specific recommendations. |
| <b>Specific treatments</b>  | Treat symptomatically.       |

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

|                                     |                                                                                                                |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b> | The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------|

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

|                                      |                               |
|--------------------------------------|-------------------------------|
| <b>Specific hazards</b>              | May intensify fire; oxidiser. |
| <b>Hazardous combustion products</b> | Toxic gases or vapours.       |

### **5.3. Advice for firefighters**

|                                                      |                                                                                                       |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Protective actions during firefighting</b>        | Fight fire with normal precautions from a reasonable distance.                                        |
| <b>Special protective equipment for firefighters</b> | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

## **SECTION 6: Accidental release measures**

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

|                             |                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b> | Avoid inhalation of vapours and contact with skin and eyes. Do not touch or walk into spilled material. |
|-----------------------------|---------------------------------------------------------------------------------------------------------|

### **6.2. Environmental precautions**

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental precautions</b> | The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. Avoid or minimise the creation of any environmental contamination. |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

|                                |                                                                                                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for cleaning up</b> | Absorb in vermiculite, dry sand or earth and place into containers. Dispose of contents/container in accordance with local regulations. Flush contaminated area with plenty of water. |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### **6.4. Reference to other sections**

|                                    |                                                                             |
|------------------------------------|-----------------------------------------------------------------------------|
| <b>Reference to other sections</b> | For personal protection, see Section 8. For waste disposal, see Section 13. |
|------------------------------------|-----------------------------------------------------------------------------|

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

|                                               |                                                                                                                  |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Usage precautions</b>                      | Avoid spilling. Avoid breathing gas, fume, vapours or spray. Avoid contact with eyes and prolonged skin contact. |
| <b>Advice on general occupational hygiene</b> | Wash promptly if skin becomes contaminated.                                                                      |

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

**Storage class** Chemical storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2. Refer to Product Use Guide (PUG) for further information.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

**Ingredient comments** No exposure limits known for ingredient(s).

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Eye/face protection

No specific eye protection required during normal use. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

#### Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. Wear protective gloves made of the following material: Rubber (natural, latex). Nitrile rubber. Wear protective gauntlets made of the following material: Polyvinyl chloride (PVC). To protect hands from chemicals, gloves should comply with European Standard EN374.

#### Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

#### Respiratory protection

No specific requirements are anticipated under normal conditions of use. Respiratory protection may be required if excessive airborne contamination occurs.

## SECTION 9: Physical and chemical properties

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

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| <b>Appearance</b>                | Liquid.                                                     |
| <b>Colour</b>                    | Colourless to pale yellow.                                  |
| <b>Odour</b>                     | Chlorine.                                                   |
| <b>pH</b>                        | pH (concentrated solution): 12 - 14                         |
| <b>Flash point</b>               | Not applicable.                                             |
| <b>Relative density</b>          | ~ 1.075 @ 20°C                                              |
| <b>Solubility(ies)</b>           | Soluble in water.                                           |
| <b>Decomposition Temperature</b> | 111°C                                                       |
| <b>Oxidising properties</b>      | Does not meet the criteria for classification as oxidising. |

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### 9.2. Other information

|                           |                 |
|---------------------------|-----------------|
| Refractive index          | 12 - 14         |
| Volatile organic compound | Not applicable. |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|            |                                                                                                |
|------------|------------------------------------------------------------------------------------------------|
| Reactivity | No test data specifically related to reactivity available for this product or its ingredients. |
|------------|------------------------------------------------------------------------------------------------|

#### 10.2. Chemical stability

|           |                                                 |
|-----------|-------------------------------------------------|
| Stability | Stable under the prescribed storage conditions. |
|-----------|-------------------------------------------------|

#### 10.3. Possibility of hazardous reactions

|                                    |                                                                                |
|------------------------------------|--------------------------------------------------------------------------------|
| Possibility of hazardous reactions | Under normal conditions of storage and use, no hazardous reactions will occur. |
|------------------------------------|--------------------------------------------------------------------------------|

#### 10.4. Conditions to avoid

|                     |             |
|---------------------|-------------|
| Conditions to avoid | Avoid heat. |
|---------------------|-------------|

#### 10.5. Incompatible materials

|                    |                                                                                                               |
|--------------------|---------------------------------------------------------------------------------------------------------------|
| Materials to avoid | Avoid contact with acids. Avoid contact with strong reducing agents. Do not mix with other cleaning products. |
|--------------------|---------------------------------------------------------------------------------------------------------------|

#### 10.6. Hazardous decomposition products

|                                  |                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazardous decomposition products | Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                       |                                                                               |
|-----------------------|-------------------------------------------------------------------------------|
| Toxicological effects | Information given is based on data of the components and of similar products. |
|-----------------------|-------------------------------------------------------------------------------|

#### Skin corrosion/irritation

|                           |                      |
|---------------------------|----------------------|
| Skin corrosion/irritation | Causes severe burns. |
|---------------------------|----------------------|

|            |        |
|------------|--------|
| Extreme pH | ≥ 11.5 |
|------------|--------|

#### Serious eye damage/irritation

|                               |                            |
|-------------------------------|----------------------------|
| Serious eye damage/irritation | Causes serious eye damage. |
|-------------------------------|----------------------------|

|            |                                                     |
|------------|-----------------------------------------------------|
| Inhalation | Spray/mists may cause respiratory tract irritation. |
|------------|-----------------------------------------------------|

|           |                                         |
|-----------|-----------------------------------------|
| Ingestion | Corrosive. May be harmful if swallowed. |
|-----------|-----------------------------------------|

|              |                      |
|--------------|----------------------|
| Skin contact | Causes severe burns. |
|--------------|----------------------|

|             |                            |
|-------------|----------------------------|
| Eye contact | Causes serious eye damage. |
|-------------|----------------------------|

|                   |                         |
|-------------------|-------------------------|
| Route of exposure | Skin and/or eye contact |
|-------------------|-------------------------|

### SECTION 12: Ecological information

|             |                                                                       |
|-------------|-----------------------------------------------------------------------|
| Ecotoxicity | The product contains a substance which is toxic to aquatic organisms. |
|-------------|-----------------------------------------------------------------------|

#### 12.1. Toxicity

|          |                                  |
|----------|----------------------------------|
| Toxicity | Very toxic to aquatic organisms. |
|----------|----------------------------------|

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### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** Soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Discharge of small quantities to the sewer with plenty of water may be permitted.

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID) 1791

UN No. (IMDG) 1791

UN No. (ICAO) 1791

UN No. (ADN) 1791

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** HYPOCHLORITE SOLUTION

**Proper shipping name (IMDG)** HYPOCHLORITE SOLUTION

**Proper shipping name (ICAO)** HYPOCHLORITE SOLUTION

**Proper shipping name (ADN)** HYPOCHLORITE SOLUTION

### 14.3. Transport hazard class(es)

**ADR/RID class** 8

**ADR/RID classification code** C9

**ADR/RID label** 8

**IMDG class** 8

**ICAO class/division** 8

**ADN class** 8

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### Transport labels



#### 14.4. Packing group

|                       |     |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group    | III |
| ICAO packing group    | III |
| ADN packing group     | III |

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



#### 14.6. Special precautions for user

|                                        |                  |
|----------------------------------------|------------------|
| IMDG Code segregation group            | 8. Hypochlorites |
| EmS                                    | F-A, S-B         |
| ADR transport category                 | 3                |
| Emergency Action Code                  | 2X               |
| Hazard Identification Number (ADR/RID) | 80               |
| Tunnel restriction code                | (E)              |

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

### SECTION 15: Regulatory information

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

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EU legislation</b> | <p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</p> <p>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 (as amended).</p> <p>Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).</p> |
| <b>Guidance</b>       | <p>EH40/2005 Workplace exposure limits</p> <p>Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended)</p> <p>Health and Safety Executive</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

### SECTION 16: Other information

|                           |                                                                                                                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issued by                 | Regulatory Chemist                                                                                                                                                                                                                          |
| Revision date             | 31/03/2020                                                                                                                                                                                                                                  |
| Revision                  | 8                                                                                                                                                                                                                                           |
| Supersedes date           | 23/12/2019                                                                                                                                                                                                                                  |
| SDS number                | 20471                                                                                                                                                                                                                                       |
| Hazard statements in full | H314 Causes severe skin burns and eye damage.<br>H318 Causes serious eye damage.<br>H400 Very toxic to aquatic life.<br>H410 Very toxic to aquatic life with long lasting effects.<br>H411 Toxic to aquatic life with long lasting effects. |

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.