



SAFETY DATA SHEET

Stain Remover Powder

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

1.1. Product identifier

Product name	Stain Remover Powder
Product number	BLE383
Internal identification	Issue 1
Synonyms; trade names	Fairy Non-Bio Stain Remover Powder
Container size	500 - 1000g

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

Identified uses	Laundry in-wash Stain Remover
------------------------	-------------------------------

1.3. Details of the supplier of the safety data sheet

Supplier

Star Brands Limited
 Unit E
 Millshaw Business Living
 Global Avenue
 Leeds
 LS11 8PR
 England
 +44 (0) 113 2666 300
 +44 (0) 113 2666 690
 sds@starbrandsltd.co.uk

1.4. Emergency telephone number

Emergency telephone	+44 1865 407333 (24/7 availability)
----------------------------	-------------------------------------

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318
Environmental hazards	Not Classified

2.2. Label elements

Pictogram



Signal word	Danger
Hazard statements	H318 Causes serious eye damage.

Stain Remover Powder

Precautionary statements	<p>P102 Keep out of reach of children.</p> <p>P103 Read label before use.</p> <p>P280 Wear protective gloves and eye protection</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>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P402 Store in a dry place.</p> <p>P410 Protect from sunlight.</p>
---------------------------------	---

Contains Sodium Percarbonate, Sodium dodecylbenzene sulphonate, Coco Glucoside

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Sodium Percarbonate	10-30%
CAS number: 15630-89-4	EC number: 239-707-6
Classification	
Ox. Sol. 2 - H272	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
Tetraacetylenediamine (TAED)	10-30%
CAS number: 10543-57-4	EC number: 234-123-8
Classification	
Not Classified	
Sodium dodecylbenzene sulphonate	1-5%
CAS number: 68411-30-3	EC number: 270-115-0
Classification	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Aquatic Chronic 3 - H412	
Coco Glucoside	1-5%
CAS number: 110615-47-9	
Classification	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
sodium carbonate	1-5%
CAS number: 497-19-8	EC number: 207-838-8
Classification	
Eye Irrit. 2 - H319	

Stain Remover Powder

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Get medical attention immediately. Consult a physician for specific advice. Remove affected person from source of contamination. If it is suspected that volatile contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. For breathing difficulties, oxygen may be necessary.
Ingestion	Get medical attention immediately. Rinse mouth thoroughly with water. Remove any dentures. Move affected person to fresh air at once. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Maintain an open airway.
Skin contact	Get medical attention immediately. Wash skin thoroughly with soap and water or use an approved skin cleanser. Continue to rinse for at least 10 minutes. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Get medical attention immediately. Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Do not rub eye. Get medical attention if symptoms are severe or persist after washing.

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

Inhalation	Gas or vapour may irritate the respiratory system. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause coughing and difficulties in breathing.
Ingestion	May cause chemical burns in mouth and throat.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye damage.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Dry chemicals.
Unsuitable extinguishing media	Water spray.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Dust may form explosive mixture with air.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO ₂). Carbon monoxide (CO). Metal oxide(s). Oxides of the following substances: Sulphur. Nitrogen.

5.3. Advice for firefighters

Protective actions during firefighting	No action shall be taken without appropriate training or involving any personal risk. Evacuate area. Containers close to fire should be removed or cooled with water.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

Stain Remover Powder

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No action shall be taken without appropriate training or involving any personal risk.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Avoid generation and spreading of dust.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid exposure - obtain special instructions before use. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with eyes and prolonged skin contact. Do not breathe dust or mist. Avoid generation and spreading of dust. Keep out of the reach of children. Wash contaminated skin thoroughly after handling. Read and follow manufacturer's recommendations.

Advice on general occupational hygiene When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container in a cool, well-ventilated place.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Sodium Percarbonate

Long-term exposure limit (8-hour TWA): 4 mg/m³

Tetraacetythylenediamine (TAED)

Long-term exposure limit (8-hour TWA): 4 mg/m³

Sodium Percarbonate (CAS: 15630-89-4)

DNEL

- Workers, Dermal, Short-term exposure, 12.8 mg/cm² , Local effects
- Workers, Inhalation, Long-term exposure, 5 mg/m³ , Local effects
- Consumers, Dermal, Short-term exposure, 6.4 mg/cm² , Local effects

PNEC

- Fresh water, 35 µg/l
- Fresh water sediment, 10 µg/l
- Sewage treatment plants, 16 mg/l

Tetraacetythylenediamine (TAED) (CAS: 10543-57-4)

Stain Remover Powder

DNEL

End Use: Workers
 Exposure routes: Dermal
 Potential health effects: Long-term systemic effects
 Value: 20 mg/kg bw/dayDNEL

End Use: Workers
 Exposure routes: Inhalation
 Potential health effects: Long-term systemic effects
 Value: 6,4 mg/m³DNEL

End Use: General population
 Exposure routes: Dermal
 Potential health effects: Long-term systemic effects
 Value: 10 mg/kg bw/dayDNEL

End Use: General population
 Exposure routes: Inhalation
 Potential health effects: Long-term systemic effects
 Value: 75 mg/m³DNEL

End Use: General population
 Exposure routes: Oral
 Potential health effects: Long-term systemic effects
 Value: 0,45 mg/kg bw/dayDNEL

PNEC

Fresh water
 Value: 10 mg/l

salt water
 Value: 0,5 mg/l

Water (intermittent release)
 Value: 10 mg/l

Fresh water sediment
 Value: 2,5 mg/kg sediment dw

Soil
 Value: 5 mg/kg soil dw

Sewage treatment plant
 Value: 10 mg/l

Oral
 Value: 3 mg/kg food

Sodium dodecylbenzene sulphonate (CAS: 68411-30-3)

PNEC

Freshwater (intermittent releases): 0.017 mg/L

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Avoid inhalation of dust.

Eye/face protection

Wear eye protection.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Powder/Granules

Stain Remover Powder

Colour	White/off white with blue particles
Odour	Perfume.
pH	pH (diluted solution): 9.5-11.0 in 4% Solution
Vapour density	Not applicable.
Relative density	Not available.
Bulk density	~ 1.02
Viscosity	Not applicable.

9.2. Other information

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 at normal ambient temperatures and when used as recommended. The product may not be stable under some conditions of storage or use.

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 generation and spreading of dust. Do not mix with acid. Reducing agents. chlorine-based bleaching agents

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Acids. Reducing agents. chlorine-based bleaching agents

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon dioxide (CO₂). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 3,224.34

SODIUM SESQUICARBONATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 4,000.0

Species Rat

ATE oral (mg/kg) 4,000.0

Tetraacetythylenediamine (TAED)

Acute toxicity - oral

Stain Remover Powder

Acute toxicity oral (LD₅₀
mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 2,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

Acute toxicity - inhalation

Species Rat

Acute toxicity inhalation
(LC₅₀ dust/mist mg/l) 7,940.0

Species Rat

ATE inhalation
(dusts/mists mg/l) 7,940.0

Sodium dodecylbenzene sulphonate

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 1,020.0

Species Rat

ATE oral (mg/kg) 1,020.0

Coco Glucoside

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 2,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,001.0

Species Rabbit

ATE dermal (mg/kg) 2,001.0

Acute toxicity - inhalation

Acute toxicity inhalation
(LC₅₀ dust/mist mg/l) 5.01

Species Rat

Stain Remover Powder

ATE inhalation
(dusts/mists mg/l) 5.01

Optical Brightener

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Species Rat

ATE oral (mg/kg) 5,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

Acute toxicity - inhalation

Acute toxicity inhalation
(LC₅₀ dust/mist mg/l) 1,895.0

Species Rat

ATE inhalation
(dusts/mists mg/l) 1,895.0

2-cyclohexylidene-2-phenylacetonitrile

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 619.0

Species Rat

ATE oral (mg/kg) 619.0

2-(4-tert-butylbenzyl)propionaldehyde

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 1,390.0

Species Rat

ATE oral (mg/kg) 1,390.0

methyl 2-naphthyl ether

Acute toxicity - oral

ATE oral (mg/kg) 500.0

1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one

Acute toxicity - oral

Stain Remover Powder

**Acute toxicity oral (LD₅₀
mg/kg)** 1,821.0

Species Mouse

ATE oral (mg/kg) 1,821.0

6(8)-ISOPROPYLQUINOLINE

Acute toxicity - oral

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

ATE dermal (mg/kg) 50.0

4-methylanisole

Acute toxicity - oral

**Acute toxicity oral (LD₅₀
mg/kg)** 1,920.0

Species Rat

ATE oral (mg/kg) 1,920.0

SECTION 12: Ecological Information

12.1. Toxicity

Sodium dodecylbenzene sulphonate

Acute toxicity - fish LC₅₀, 1 : 5 mg/l,

**Chronic toxicity - fish early
life stage** LC₅₀, 1 : 5 mg/l, Algae

**Chronic toxicity - aquatic
invertebrates** EC₅₀, 5 : 15 mg/l, Daphnia magna

Coco Glucoside

Acute toxicity - fish LC₅₀, 1 : 10 mg/l,

**Acute toxicity - aquatic
invertebrates** EC₅₀, 1 hour: 10 , Daphnia magna

**Acute toxicity - aquatic
plants** EC₅₀, 10 hour: 100 , Desmodium subspicatus

**Acute toxicity -
microorganisms** EC₅₀, >100 : mg/l, Activated sludge

Acute toxicity - terrestrial Not available.

**Chronic toxicity - fish early
life stage** , >100 (28days) days: , Brachydanio rerio (Zebra Fish)

**Chronic toxicity - aquatic
invertebrates** LC₂₀, >100 28 day: mg/l, Daphnia magna

Stain Remover Powder

Optical Brightener

Chronic toxicity - fish early life stage NOEC, 100 : mg/l, Algae

Chronic toxicity - aquatic invertebrates NOEC, 1 : mg/l, Daphnia magna

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

Chronic aquatic toxicity

M factor (Chronic) 1

tricyclo[5.2.1.0^{2,6}]dec-4-en-8-yl acetate

Chronic aquatic toxicity

NOEC

Degradability --

2-methylundecanal

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Chronic aquatic toxicity

M factor (Chronic) 1

(R)-p-mentha-1,8-diene

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Chronic aquatic toxicity

M factor (Chronic) 1

4-methyl-3-decen-5-ol

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

2-(4-tert-butylbenzyl)propionaldehyde

Chronic aquatic toxicity

NOEC

Degradability --

undecan-4-olide

Chronic aquatic toxicity

NOEC

Stain Remover Powder

Degradability	--
	<u>1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one</u>
<u>Acute aquatic toxicity</u>	
LE(C) ₅₀	0.1 < L(E)C ₅₀ ≤ 1
M factor (Acute)	1
<u>Chronic aquatic toxicity</u>	
NOEC	
Degradability	--
M factor (Chronic)	1
	<u>alpha cedrene</u>
<u>Acute aquatic toxicity</u>	
LE(C) ₅₀	0.01 < L(E)C ₅₀ ≤ 0.1
M factor (Acute)	10
<u>Chronic aquatic toxicity</u>	
M factor (Chronic)	10

12.2. Persistence and degradability

Tetraacetythylenediamine (TAED)

Persistence and degradability	The product is biodegradable.
Biodegradation	- 98: > 28 days
Chemical oxygen demand	1260 mg O ₂ /l

Sodium dodecylbenzene sulphonate

Persistence and degradability	The product is biodegradable.
Biodegradation	- 99:

Coco Glucoside

Biodegradation	Rapidly degradable
----------------	--------------------

Optical Brightener

Biodegradation	Not expected to be readily biodegradable.
----------------	---

12.3. Bioaccumulative potential

Tetraacetythylenediamine (TAED)

Bioaccumulative potential	Bioaccumulation is unlikely.
---------------------------	------------------------------

12.4. Mobility in soil

Stain Remover Powder

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Following dilution, discharge to the sewer with plenty of water may be permitted.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). Not regulated.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

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 (as amended).
 Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).
 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).
 Statement regarding Biodegradability Reports for Surfactants - The surfactant(s) contained in this mixture complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposition of the competent authorities of the Member States and will be made available at their direct request or at the request of a detergent manufacturer.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 03/11/2016

Revision 1

SDS number 5639

Hazard statements in full H272 May intensify fire; oxidiser.
 H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H412 Harmful to aquatic life with long lasting effects.