



SAFETY DATA SHEET STAR TEAK BRITE

PRODUCT CODE: 00910030

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

1.1. Product identifier

Product name STAR TEAK BRITE

Product number 00910030

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

Identified uses Star Teak Brite a granular blend of acid and other agents for removal of stains on paint, wood and fabrics.
It is an acid cleaner for removal of rust stains on paint, wood and fabrics.
For the removal of lacquers, varnishes, old paint or hardened oil on areas which have been scraped or brush cleaned to the bare surface.
Use at 5% solution

1.3. Details of the supplier of the safety data sheet

Supplier STAR International
Star House
Turbine Business Park
Turbine Road
Birkenhead
Merseyside
CH41 9BA
Tel: +44 (0) 1244 504 500
Fax: +44 (0) 1244 504 504
www.star-international.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0) 1244 504 500 (Office hours only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H302 Acute Tox. 4 - H312 Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H302+H312 Harmful if swallowed or in contact with skin.
H318 Causes serious eye damage.

STAR TEAK BRITE

Precautionary statements	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</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>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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Contains OXALIC ACID

Supplementary precautionary statements P310 Immediately call a POISON CENTER/ doctor.
P321 Specific treatment (see medical advice on this label).
P330 Rinse mouth.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

OXALIC ACID		60-100%
CAS number: 144-62-7	EC number: 205-634-3	REACH registration number: 01-2119534576-33-XXXX
Classification		
Acute Tox. 4 - H302		
Acute Tox. 4 - H312		
Eye Dam. 1 - H318		

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

General information	Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after accident. As little as 71mg/kg body weight may be fatal if ingested
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.
Skin contact	Rinse immediately with plenty of water.
Eye contact	Make sure to remove any contact lenses from the eyes before rinsing. Rinse immediately with plenty of water.

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

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

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

Notes for the doctor Treat symptomatically. If calcium gluconate gel is available, rub it into affected skin.

STAR TEAK BRITE

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is combustible. Irritating gases or vapours.

Hazardous combustion products Formic acid may be released in a fire situation

5.3. Advice for firefighters

Protective actions during firefighting Water spray should be used to cool containers. Collect contaminated fire extinguishing water separately.

Special protective equipment for firefighters 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

Personal precautions Avoid breathing dust Provide adequate ventilation. Wear protective clothing and gloves.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate general and local exhaust ventilation. Avoid direct contact with the substance

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat. Unsuitable containers: aluminium. Store in tightly-closed, original container in a dry and cool place. Keep away from oxidising materials, heat and flames.

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

OXALIC ACID (CAS: 144-62-7)

DNEL

Workers - Inhalation; systemic effects: 3.11 mg/m³
 Workers - Dermal; systemic effects: 0.882 mg/kg bw/day
 General population - Inhalation; systemic effects: 0.466 mg/m³
 General population - Dermal; systemic effects: 0.315 mg/kg bw/day
 General population - Oral; systemic effects: 0.315 mg/kg bw/day

STAR TEAK BRITE

PNEC

Fresh water; 0.16 mg/l
 marine water; 0.016 mg/l
 STP; 155 mg/l

8.2. Exposure controls

Protective equipment



Eye/face protection

Wear approved safety goggles. Manufactured/Tested in accordance with EN 166

Hand protection

To protect hands from chemicals, gloves should comply with European Standard EN374. Wear protective gloves made of the following material: Nitrile rubber. Neoprene. Rubber (natural, latex). Polyvinyl chloride (PVC).

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product. Wash skin thoroughly after handling.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder.
Colour	White.
Odour	Odourless.
pH	pH (diluted solution): 1 @ 100 G/L
Melting point	160°C
Relative density	1.9 @ 20°C
Auto-ignition temperature	>400°C/°F

9.2. Other information

Other information	Not available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No information available.
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10.2. Chemical stability

Stability	Avoid the following conditions: heat
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	The following materials may react violently with the product: Strong oxidising agents. Strong alkalis.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat.
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10.5. Incompatible materials

STAR TEAK BRITE

Materials to avoid Strong oxidising 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) 500.0

Acute toxicity - dermal

ATE dermal (mg/kg) 1,100.0

Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met

Ingestion Harmful if swallowed.

Skin contact Harmful in contact with skin.

Eye contact Causes serious eye damage.

Toxicological information on ingredients.

OXALIC ACID

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 375 mg/kg, , Rat LD₅₀ 20000 mg/kg, , Rabbit

ATE oral (mg/kg) 500.0

STAR TEAK BRITE

Acute toxicity - dermal

ATE dermal (mg/kg) 1,100.0

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Toxicity Avoid discharge into drains or watercourses or onto the ground.

Ecological information on ingredients.

OXALIC ACID

Toxicity Avoid discharge into drains or watercourses or onto the ground.

12.2. Persistence and degradability

Persistence and degradability Expected to be readily biodegradable.

Ecological information on ingredients.

OXALIC ACID

Persistence and degradability Expected to be readily biodegradable.

12.3. Bioaccumulative potential

STAR TEAK BRITE

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Ecological information on ingredients.

OXALIC ACID

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility No information available.

Ecological information on ingredients.

OXALIC ACID

Mobility No information available.

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.

Ecological information on ingredients.

OXALIC ACID

Results of PBT and vPvB assessment Not applicable

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

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

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

STAR TEAK BRITE

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

EU legislation 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).
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).
Commission Regulation (EU) No 2015/830 of 28 May 2015.

15.2. Chemical safety assessment

SECTION 16: Other information

General information Only trained personnel should use this material.

Key literature references and sources for data Health and Safety Executive (HSE). MARPOL 73/78 Annex II - Regulations for the Control of Pollution by Noxious Liquid Substances in Bulk. Source: European Chemicals Agency, <http://echa.europa.eu/>

Revision date 30/06/2020

SDS number 21592

Hazard statements in full H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H318 Causes serious eye damage.

Signature Auguste Little