

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

1.1 Product identifier

Product name: GraphTek 600

Other identification:

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

PC24: Lubricants, greases, release products.

1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

1.4 Emergency telephone number

As per section 1.3

Section 2: Hazards identification

2.1 Classification of the substance or mixture

This product has no classification under CLP.

2.2 Label elements

Hazard pictograms: (none)

(none)

(none)

(none)

Signal word: (none)

Hazard statements:

Precautionary statements:

Other label elements: This product has no label elements.

2.3 Other hazards

This product is not identified as a PBT/vPvB substance.

Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

Hazardous ingredients:

SODIUM NITRITE - REACH registered number(s): 01-2119471836

EINECS: 231-555-9

CAS: 7632-00-0

CLP Classification: Ox. Sol. 3: H272; Acute Tox. 3: H301; Aquatic Acute 1: H400

Percent: < 1%

Section 4: First aid measures

4.1 Description of first aid measures

General:

Inhalation: Consult a doctor.

Ingestion: Wash out mouth with water.

Skin: Wash immediately with plenty of soap and water.

Eye: Bathe the eye with running water for 15 minutes.

4.2 Most important symptoms and effects, both acute and delayed

General: Delayed / immediate effects: Continuous skin contact may cause skin sensitivity and dermatitis
Inhalation: No symptoms.
Ingestion: There may be irritation of the throat.
Skin: There may be mild irritation at the site of contact.
Eye: There may be irritation and redness.

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

In combustion emits toxic fumes.

5.3 Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

Refer to section 8 of SDS.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid direct contact with the substance.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area. Keep container tightly closed.

7.3 Specific end use(s)

No data available.

Section 8: Exposure controls / personal protection

8.1 Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC: No data available.

8.2 Exposure controls

Engineering measures: Not applicable.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: No special requirement.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Note: This information represents typical data and is not a specification.

State

Paste

Colour	Black
Odour	Odourless
Solubility in water	Insoluble
Melting point/range	> 150°C
Autoflammability	> 200°C
Flash point	> 150°C
Relative density	1.2

9.2 Other information

Not applicable.

Section 10: Stability and reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Conditions to avoid: Heat.

10.5 Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

Section 11: Toxicological information

11.1 Information on toxicological effects

Hazardous ingredients: SODIUM NITRITE

ORL MUS LD50: 175 mg/kg

ORL RAT LD50: 180 mg/kg

SCU RAT LD50: 96600 µg/kg

Toxicity values: No data available.

Symptoms / routes of exposure:

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: Continuous skin contact may cause skin sensitivity and dermatitis.

Other information: Not applicable.

Section 12: Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

Negligible ecotoxicity.

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Not applicable.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

General

This product does not require a classification for transport.

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 MARPOL73/78 and the IBC code

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Phrases used in sections 2 and 3 above:

H272: May intensify fire; oxidiser.

H301: Toxic if swallowed.

H400: Very toxic to aquatic life.

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.