

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

1.1 Product identifier

Product name: Nickeleez

Other identification:

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

Anti-seize lubricating grease. This product must not be used in other applications without first seeking expert advice.

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

STOT RE 1: H372

Carc. 2: H351

Skin Sens. 1: H317

Most important adverse effects: May cause an allergic skin reaction. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure.

2.2 Label elements

Hazard pictograms: CLP 07 Exclamation

CLP 08 Health

(none)

(none)



Signal word: Danger

Hazard statements: H317: May cause an allergic skin reaction.
H351: Suspected of causing cancer.
H372: Causes damage to organs through prolonged or repeated exposure.

Precautionary statements: P202: Do not handle until all safety precautions have been read and understood.
P264: Wash thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P308+313: IF exposed or concerned: Get medical advice/attention.
P314: Get medical advice/attention if you feel unwell.
P302+352: IF ON SKIN: Wash with plenty of water/soap.
P270: Do not eat, drink or smoke when using this product.
P501: Dispose of contents/container to local/national regulations.

Other 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

Description: Blend of severely hydrocracked mineral oil, thickener, nickel, graphite and additives.

Hazardous ingredient: Nickel Powder

Cas No: 7440-02-0

Content: 2-15%

Classification: Carc. 2: H351; STOT RE 1: H372; Skin Sens. 1: H317; Aquatic Chronic 3: H412

Section 4: First aid measures

4.1 Description of first aid measures

General:

Inhalation: Unlikely due to low volatility of product. If inhaled move to fresh air and seek medical advice.

Ingestion: Wash mouth with water. Do not induce vomiting, seek medical advice.

Skin: Wash with soap and water

Eye: Wash out all residual material with water. Bathe eye with running water for several minutes. If irritation continues seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

General:

Inhalation:

Ingestion:

Skin:

Eye:

4.3 Indication of any immediate medical attention and special treatment needed

In case of pressure injection under the skin always obtain immediate medical attention even though the injury may appear minor.

Section 5: Firefighting measures

5.1 Extinguishing media

Extinguish with dry powder, foam, sand, or earth.

Unsuitable extinguishing media: water jet.

5.2 Special hazards arising from the substance or mixture

5.3 Advice for firefighters

Protective equipment: Self contained breathing apparatus

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

May cause slippery conditions underfoot.

6.2 Environmental precautions

Do not allow to enter drains or watercourses.

6.3 Methods and material for containment and cleaning up

Apply suitable absorption media, scrape up in bulk then wipe remainder with cloth.

6.4 Reference to other sections

Section 7: Handling and storage

7.1 Precautions for safe handling

Wear suitable gloves. Do not smoke. Care should be taken with dispensing equipment not to inject product under skin.

7.2 Conditions for safe storage, including any incompatibilities

Do not store at elevated temperatures.

7.3 Specific end use(s)

Section 8: Exposure controls / personal protection

8.1 Control parameters

Nickel AS

STD: OES

TWA - 8 hr: 5 mg/m³

STEL - 15 min: 10 mg/m³

8.2 Exposure controls

Process conditions: Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash, quick drench.

Engineering measures: Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Explosion-proof general and local exhaust ventilation.

Respiratory equipment: If ventilation is insufficient, suitable respiratory protection must be provided. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Check that mask fits tight and change filter regularly.

Hand protection: Protective gloves must be used if there is a risk of direct contact or splash. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Manufactured/tested in accordance with EN 374.

Eye protection: Wear splash-proof eye goggles to prevent any possibility of eye contact. If risk of splashing, wear safety goggles or face shield. Manufactured/Tested in accordance with EN 166.

Other Protection: Use barrier creams to prevent skin contact. Provide eyewash station and safety shower. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures: Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Eating, smoking and water fountains prohibited in immediate work area.

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.

Physical state	Grease – free from visible impurities
Colour	Grey
Odour	Slight
Flash point	> 200°C
Flammability	Not flammable at ambient temperature
Solubility in water	Insoluble

9.2 Other information

No further information available.

Section 10: Stability and reactivity

10.1 Reactivity

No further information available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No further information available.

10.4 Conditions to avoid

Sources of ignition and extremes of temperature.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Oxides of carbon, smoke and soot.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Not considered toxic under normal handling. (Acute LD50 - Rat oral > 2000mg/kg)

Chronic toxicity: Not applicable

Genotoxicity: Not applicable

Irritancy skin: Possible on very mild skin types. Long-term exposure may cause dermatitis and de-fatting of the skin.

Section 12: Ecological information

12.1 Toxicity

Possible marine pollutant (slight) if released in large quantities.

12.2 Persistence and degradability

Unlikely to cause notable contamination. Poorly absorbed into soils.

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

Not considered PBT or vPvB.

12.6 Other adverse effects

Section 13: Disposal considerations

13.1 Waste treatment methods

Incineration or landfill. Dispose of in accordance with local regulations.

Section 14: Transport information

General

Not classified (no special precautions or labelling necessary) under ADR/RID, IMDG/IMO, ICAO/IATA.

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

15.2 Chemical safety assessment

Section 16: Other information

Only trained personnel should use this material.

Full text of phrases referred to above:

H317: May cause an allergic skin reaction.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H372: Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H412: Harmful to aquatic life with long lasting effects.

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.