

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** NICKEL ANTI-SEIZE COMPOUND**Article number:** TG8005**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC24: Lubricants, greases, release products.**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:** TYGRIS Industrial
Unit 31, Kyle Road Industrial Estate
Irvine
Ayrshire
KA12 8LE
Tel +44 (0) 1294 311 066
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Email technical@tygrisindustrial.com**Further information
obtainable from:** Technical Department**1.4 Emergency telephone
number:** Tel +44 (0) 1294 311 066

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Carc. 2: H351; Skin Sens. 1: H317

Most important adverse effects: May cause an allergic skin reaction. Suspected of causing cancer.

2.2. Label elements

Hazard Statements: H317: May cause an allergic skin reaction.
H351: Suspected of causing cancer.

Hazard pictograms: GHS07: Exclamation mark
GHS08: Health hazard



Signal Word: Warning

Precautionary Statements: P202: Do not handle until all safety precautions have been read and understood. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves/protective clothing/eye protection/face protection. P281: Use personal protective equipment as required. P308+313: IF exposed or concerned: Get medical advice/attention. P321: Specific treatment (see instructions on this label).

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ORGANICALLY MODIFIED CLAY

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	-	-	-	1-10%

NICKEL POWDER

231-111-4	7440-02-0	-	-	1-10%
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SECTION 4: First aid measures**4.1. Description of first aid measures**

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Do not induce vomiting. Consult a doctor.
Inhalation:	Not applicable.

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

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	Not applicable.
Delayed / immediate effects:	Delayed effects can be expected after long-term exposure. Continuous skin contact may cause skin sensitivity and dermatitis.

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

Immediate / special treatment: Not applicable.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

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

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: 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

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Clean-up procedures: 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

Reference to other sections: Refer to section 8 of SDS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.

Suitable packaging: Not applicable.

7.3. Specific end use(s)

Specific end use(s): PC24: Lubricants, greases, release products.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC: No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses.

Skin protection: Impermeable protective clothing.

Environmental: No special requirement.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State:	Grease
Colour:	Dark grey
Odour:	Odourless
Solubility in water:	Insoluble
Melting point/range°C:	>150
Flash point°C:	>150
Autoflammability°C:	>200
Relative density:	< 1.0

9.2. Other information

Other information: Not applicable.

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

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. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

SECTION 11: Toxicological information
11.1. Information on toxicological effects
Relevant hazards for product:

Hazard	Route	Basis
Respiratory/skin sensitisation	DRM	Hazardous: calculated
Carcinogenicity	-	Hazardous: calculated

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

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Not applicable.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure. Continuous skin contact may cause skin sensitivity and dermatitis.

Other information: Not applicable.

SECTION 12: Ecological information
12.1. Toxicity
Ecotoxicity values: No data available.

12.2. Persistence and degradability
Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential
Bioaccumulative potential: Slightly bioaccumulable.

12.4. Mobility in soil
Mobility: Insoluble in water. Floats on water. Absorbed only slowly into soil.

12.5. Results of PBT and vPvB assessment
PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects
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

Transport class:	This product does not require a classification for transport.
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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Specific regulations:	Not applicable.
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15.2. Chemical safety assessment**SECTION 16: Other information**

Other information:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.
Phrases used in s.2 and s.3:	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>.
Legal disclaimer	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.