



Safety Data Sheet

according to WHS Regulations

Printing date 07.03.2017

Revision: 07.03.2017

1 Identification

Product Name: DYNAGRIP NICKEL ANTI-SEIZE - 49678, 49679**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Lubricant**Details of Manufacturer or Importer:**AFC International Pty Ltd
21-23 Hobart Street
Riverstone NSW 2765**Phone Number:** +61 2 9627 7125**Emergency telephone number:** +61 2 9627 7125

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



health hazard

Carcinogenicity 2 H351 Suspected of causing cancer.

STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure.



Skin Sensitisation 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

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.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P273 Avoid release to the environment.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P321 Specific treatment (see on this label).

P308+P313 IF exposed or concerned: Get medical advice/attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P314 Get medical advice/attention if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of water.

(Contd. on page 2)

Safety Data Sheet

according to WHS Regulations

Printing date 07.03.2017

Revision: 07.03.2017

Product Name: DYNAGRIP NICKEL ANTI-SEIZE - 49678, 49679

(Contd. of page 1)

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:** Void

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Skin Contact: May cause defatting and irritation. May cause an allergic skin reaction.

Eye Contact: May cause eye irritation, redness, tearing and blurred vision.

Ingestion: May cause nausea, vomiting and diarrhoea.

5 Fire Fighting Measures

Suitable Extinguishing Media: Foam, dry chemical, halon or carbon dioxide. Avoid using full water jet.**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon and dense smoke.

Combustible Liquid Class 2.

Containers close to fire should be removed if safe to do so. Containers heated by fire may support combustion.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

(Contd. on page 3)

Safety Data Sheet

according to WHS Regulations

Printing date 07.03.2017

Revision: 07.03.2017

Product Name: DYNAGRIP NICKEL ANTI-SEIZE - 49678, 49679

(Contd. of page 2)

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and mop up or absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

7 Handling and Storage

Precautions for Safe Handling:

For use by trained personnel only. For industrial or institutional use only.
Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.
Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Contaminated work clothing must not be allowed out of the workplace. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Keep away from strong oxidisers or concentrated oxygen.

8 Exposure controls and personal protection

Exposure Standards:**7440-02-0 Nickel powder (particle diameter < 1 mm)**

WES	TWA: 1 mg/m ³
	Metal: Sen

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Respiratory Protection: Respiratory protection is not required under normal use conditions.

Skin Protection:

Protective gloves are recommended. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Thick paste, oily texture
Colour:	Silver grey
Odour:	No information available
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	>315 °C

(Contd. on page 4)

Safety Data Sheet

according to WHS Regulations

Printing date 07.03.2017

Revision: 07.03.2017

Product Name: DYNAGRIP NICKEL ANTI-SEIZE - 49678, 49679

(Contd. of page 3)

Flash Point:	232 °C (TCC)
Flammability:	Combustible Liquid Class 2
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	<10
Relative Density:	1.18
Vapour Density:	>1
Evaporation Rate:	<1
Solubility in Water:	No information available
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	No information available
% Volatiles by Volume:	0 %

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: No further relevant information available.

Incompatible Materials: Strong oxidisers or concentrated oxygen.

Hazardous Decomposition Products: Oxides of carbon and dense smoke.

11 Toxicological Information

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification: No information available

Acute Health Effects

Inhalation: Not expected to be a hazard.

Skin: May cause defatting and irritation. May cause an allergic skin reaction.

Eye: May cause eye irritation, redness, tearing and blurred vision.

Ingestion: May cause nausea, vomiting and diarrhoea.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity:

Suspected of causing cancer.

Nickel, metallic and alloys is classified by IARC as Group 2B - Possibly carcinogenic to humans.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Causes damage to organs through prolonged or repeated exposure.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

(Contd. on page 5)

Safety Data Sheet

according to WHS Regulations

Printing date 07.03.2017

Revision: 07.03.2017

Product Name: DYNAGRIP NICKEL ANTI-SEIZE - 49678, 49679

(Contd. of page 4)

Chronic Health Effects:

Repeated or prolonged skin exposure may cause de-fatting of the skin, irritation and dermatitis.

Existing Conditions Aggravated by Exposure: No information available**Additional toxicological information:** No information available**12 Ecological Information****Ecotoxicity:****Aquatic toxicity:** Harmful to aquatic life with long lasting effects.**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.**13 Disposal considerations****Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport information**UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated**15 Regulatory information****Australian Inventory of Chemical Substances:**

7440-02-0 Nickel powder (particle diameter < 1 mm)

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Not Scheduled.

16 Other information**Date of Preparation or Last Revision:** 07.03.2017**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Skin Sensitisation 1: Skin sensitisation, Hazard Category 1

Carcinogenicity 2: Carcinogenicity – Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

(Contd. on page 6)

Safety Data Sheet

according to WHS Regulations

Printing date 07.03.2017

Revision: 07.03.2017

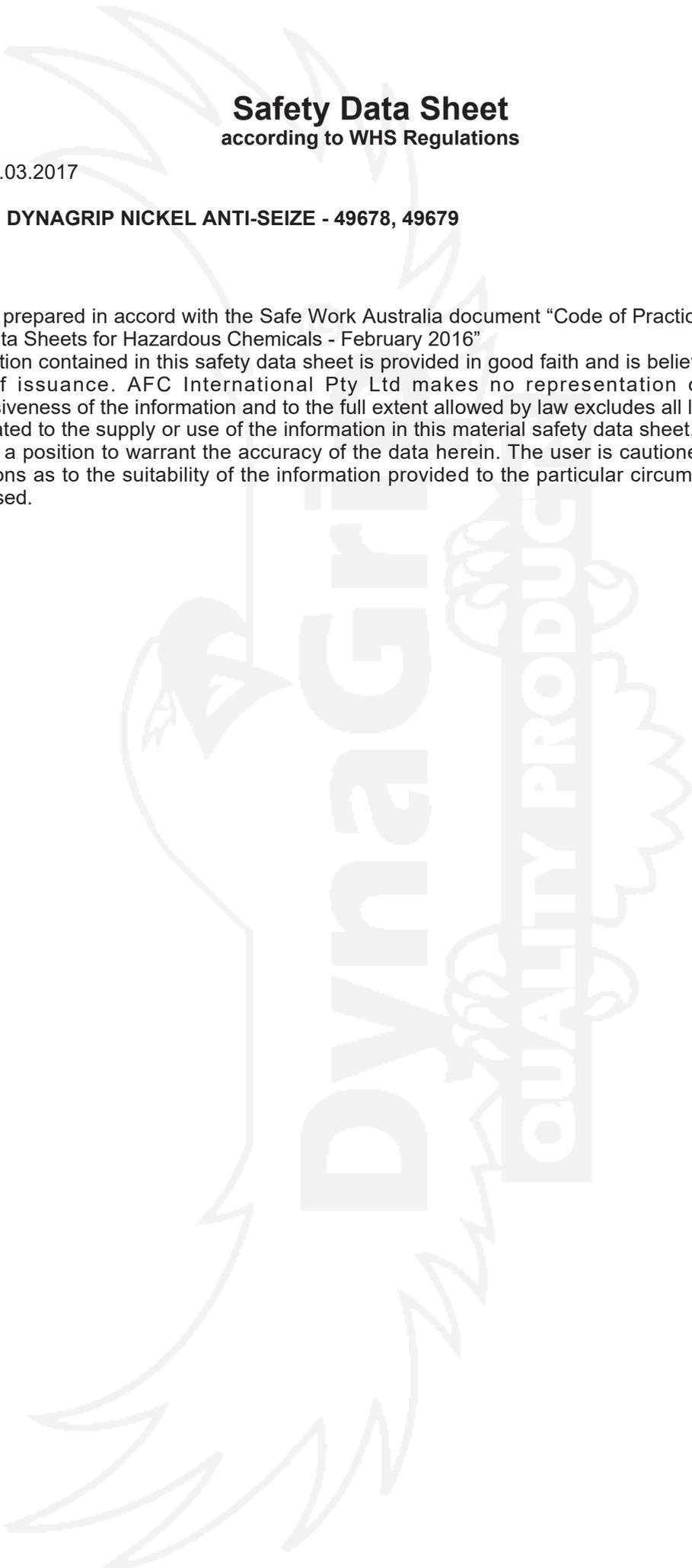
Product Name: DYNAGRIP NICKEL ANTI-SEIZE - 49678, 49679

(Contd. of page 5)

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. AFC International Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.



DYNAGRIP
QUALITY PRODUCTS