

**SECTION 1: Identification : Product identifier and chemical identity**
**1.1. Product identifier**

Product form : Mixture  
 Trade name : NIKAL®  
 Product code : 13615

**1.2. Other means of identification**

No additional information available

**1.3. Recommended use of the chemical and restrictions on use**

No additional information available

**1.4. Supplier's details**
**Manufacturer**

Jet-Lube  
 930 Whitmore Drive  
 75087 Rockwall, Texas - USA  
 T 1.972.771.1000  
[Regulatory@whitmores.com](mailto:Regulatory@whitmores.com) - [www.jetlube.com](http://www.jetlube.com)

**Distributor**

XTEX  
 20 Trevi Crescent  
 Tullamarine, VIC 3043 - AUS  
 T 1300-00-XTEX(9839)  
[sales@xtex.com.au](mailto:sales@xtex.com.au) - [xtex.com.au](http://xtex.com.au)

**1.5. Emergency phone number**

Emergency number : For Chemical Emergency Call CHEMTREC 24hr/day 7days/week  
 Within USA and Canada: 1.800.424.9300  
 Outside USA and Canada: +1.703.527.3887  
 (collect calls accepted)

Country	Organisation/Company	Address	Emergency number	Comment
Australia	Chemtrec - Australia	Sydney	Local (City) +61 2 9037 2994	
Australia	Chemtrec - Australia		Toll Free 1800 862 115	

**SECTION 2: Hazards identification**
**2.1. Classification of the hazardous chemical**
**Classification according to the model Work Health and Safety Regulations (WHS Regulations)**

Skin sensitisation, Category 1 H317

**2.2. Label elements**

Hazard pictograms (GHS AU) :



Exclamation mark

Signal word (GHS AU) : Warning  
 Contains : nickel, powder, particle diameter < 1 mm (18 %)  
 Hazard statements (GHS AU) : H317 - May cause an allergic skin reaction.  
 Precautionary statements (GHS AU) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352 - IF ON SKIN: Wash with plenty of water/...  
 P321 - Specific treatment (see supplemental first aid instruction on this label).  
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
 P363 - Wash contaminated clothing before reuse.  
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
nickel, powder, particle diameter < 1 mm	7440-02-0	18	Skin Sens. 1, H317 Aquatic Chronic 3, H412
Other substances (not contributing to the classification of this product)	-	82	-

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

### 4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	: May cause an allergic skin reaction.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Other medical advice or treatment	: Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam.
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### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures	: Exercise caution. Spill area may be slippery. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
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#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

## SECTION 7: Handling and storage, including how the chemical may be safely used

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.  
 Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters - exposure standards

nickel, powder, particle diameter < 1 mm (7440-02-0)	
Australia - Occupational Exposure Limits	
Local name	Nickel, metal
OES TWA [1]	1 mg/m <sup>3</sup>
Remark (AU)	Carcinogenicity Category 2 – Suspected human carcinogen. The classification of a chemical into this category is on the basis of evidence from human and animal studies, where the evidence is not sufficiently convincing to place the chemical into Category 1 or from limited evidence of carcinogenicity in human or animal studies; Sen - Respiratory and/or Skin Sensitiser.
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

### 8.2. Monitoring

No additional information available

### 8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.4. Personal protective equipment

Hand protection : Protective gloves  
 Eye protection : Safety glasses  
 Skin and body protection : Wear suitable protective clothing  
 Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state : Solid  
 Appearance : Paste.  
 Colour : No data available  
 Odour : No data available  
 Odour threshold : No data available  
 pH : No data available  
 Relative evaporation rate (butylacetate=1) : No data available

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

Melting point / Freezing point	: Freezing point: Not applicable
Boiling point	: No data available
Flash point	: < 221 °C
Auto-ignition temperature	: Not applicable
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density	: Density: 1.2 g/m <sup>3</sup>
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: > 20.5 mm <sup>2</sup> /s
Explosive properties	: No data available
Explosive limits	: Not applicable
Minimum ignition energy	: No data available
Fat solubility	: No data available

### SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### nickel, powder, particle diameter < 1 mm (7440-02-0)

LD50 oral rat	> 9000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
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Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

#### NIKAL®

Viscosity, kinematic	> 20.5 mm <sup>2</sup> /s
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### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

#### nickel, powder, particle diameter < 1 mm (7440-02-0)

LC50 - Fish [1]	15.3 mg/l (Other, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, Nickel ion)
BCF - Other aquatic organisms [1]	1555 (Other, Myrriophyllum sp., Fresh water, Experimental value, Nickel ion)

nickel, powder, particle diameter < 1 mm (7440-02-0)	
Partition coefficient n-octanol/water (Log Pow)	-0.57 (Estimated value)

**12.2. Persistence and degradability**

nickel, powder, particle diameter < 1 mm (7440-02-0)	
Not rapidly degradable	
Persistence and degradability	Biodegradability in soil: not applicable. Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

**12.3. Bioaccumulative potential**

nickel, powder, particle diameter < 1 mm (7440-02-0)	
BCF - Other aquatic organisms [1]	1555 (Other, Myrriophyllum sp., Fresh water, Experimental value, Nickel ion)
Partition coefficient n-octanol/water (Log Pow)	-0.57 (Estimated value)
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).

**12.4. Mobility in soil**

nickel, powder, particle diameter < 1 mm (7440-02-0)	
Partition coefficient n-octanol/water (Log Pow)	-0.57 (Estimated value)
Ecology - soil	No (test)data on mobility of the substance available.

**12.5. Other adverse effects**

Ozone : Not classified  
 Other adverse effects : No additional information available

NIKAL®	
Fluorinated greenhouse gases	False

nickel, powder, particle diameter < 1 mm (7440-02-0)	
Fluorinated greenhouse gases	False

**SECTION 13: Disposal considerations**

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

**SECTION 14: Transport information**

ADG	IMDG	IATA
<b>14.1. UN number</b>		
Not applicable	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>		
Not applicable	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not applicable	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
Not applicable	Not regulated	Not regulated

**14.6. Special precautions for user**

Specific storage requirement : No data available  
Shock sensitivity : No data available

**14.7. Additional information**

Other information : Not Regulated in packages less than 55 gallons (208 l), based on Nickel RQ of 100lbs.

**Transport by road and rail**

Not applicable

**Transport by sea**

Not regulated

**Air transport**

Not regulated

**14.8. Hazchem or Emergency Action Code**

Hazchem Code : Not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

No additional information available

**15.2. International agreements**

No additional information available

**SECTION 16: Any other relevant information****Classification**

Skin Sens. 1	H317
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**Full text of H-statements**

Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Skin Sens. 1	Skin sensitisation, Category 1
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet (SDS), Australia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.