

# SAFETY DATA SHEET

## NICKEL SCREENING COMPOUND AEROSOL

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

**PRODUCT NAME:** NICKEL SCREENING COMPOUND AEROSOL

**PART No.:** ENSC400H

**SUPPLIER:** H K WENTWORTH PTY LIMITED  
P.O. BOX 339  
BROOKVALE, NSW 2100  
AUSTRALIA  
Tel: 02 9938 1566  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
BUTYL ACETATE 123-86-4	204-658-1	- R-10, 66, 67	5-10 %
TOLUENE 108-88-3	203-625-9	Xn ,F R-11, 20	1-5 %
ETHANOL 64-17-5	200-578-6	F R-11	1-5 %
XYLENE 1330-20-7	215-535-7	Xn R-10, 20/21, 38	5-10 %
NICKEL 7440-02-0	231-111-4	Xn R-40, 43 Carc3	10-30 %
1 ETHOXY- 2- PROPANOL 1569-02-4		Xi R-10, 36	1-5 %
ACETONE 67-64-1	200-662-2	Xi ,F R-11, 36, 66, 67	10-30 %
SOLVENT NAPHTHA (petroleum, light ) 64742-95-6	265-199-0	Xn ,N R-10, 37, 51/53, 65	0-1 %
DIMETHYL ETHER 115-10-6	204-065-8	Fx R-12	30-60 %

The Full Text for all R-Phrases are Displayed in Section 16

### 3. HAZARDS IDENTIFICATION:

Extremely flammable. Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Carcinogen Category 3.

HAZARDOUS SUBSTANCE: DANGEROUS GOODS

#### 4. FIRST AID MEASURES:

<b>INHALATION:</b>	Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.
<b>INGESTION:</b>	DO NOT induce vomiting. Get medical attention immediately.
<b>SKIN:</b>	Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
<b>EYES:</b>	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

#### 5. FIRE FIGHTING MEASURES:

<b>EXTINGUISHING MEDIA:</b>	Use: Powder. Dry chemicals, sand, dolomite etc.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Aerosol cans may explode in fires.

#### 6. ACCIDENTAL RELEASE MEASURES:

<b>SPILL CLEANUP METHODS:</b>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.
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#### 7. HANDLING AND STORAGE:

<b>USAGE PRECAUTIONS:</b>	Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
<b>STORAGE PRECAUTIONS:</b>	Aerosol cans: Must not be exposed for direct sunlight or temperatures above 50°C.

#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
NICKEL	7440-02-0	MEL	0.5 mg/m <sup>3</sup>	No std.
BUTYL ACETATE	123-86-4	OES	150 ppm	200 ppm
TOLUENE	108-88-3	OES	50 ppm(Sk)	150 ppm(Sk)
ETHANOL	64-17-5	OES	1000 ppm	No std.
XYLENE	1330-20-7	OES	50 ppm(Sk)	100 ppm(Sk)
ACETONE	67-64-1	OES	500 ppm	1500 ppm
SOLVENT NAPHTHA (petroleum, light )	64742-95-6	SUP	50 ppm	
DIMETHYL ETHER	115-10-6	OES	400 ppm	500 ppm

**INGREDIENT COMMENTS:** OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

**PROTECTIVE EQUIPMENT:**



**VENTILATION:** All handling to take place in well ventilated area.

<b>RESPIRATORS:</b>	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
<b>PROTECTIVE GLOVES:</b>	Use protective gloves.
<b>EYE PROTECTION:</b>	Use eye protection.
<b>OTHER PROTECTION:</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
<b>HYGIENIC WORK PRACTICES:</b>	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. No eating or drinking while working with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>APPEARANCE:</b>	Aerosol. Liquid.		
<b>COLOUR:</b>	Grey.		
<b>ODOUR/TASTE:</b>	Benzene.		
<b>BOILING POINT (°C, interval):</b>	56	<b>Pressure:</b>	
<b>MELT./FREEZ. POINT (°C, interval):</b>	-95		
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	0.969	<b>Temperature (°C):</b>	20
<b>VAPOUR PRESSURE:</b>	24 kPa	<b>Temperature (°C):</b>	30
<b>FLASH POINT (°C):</b>	<0	<b>Method:</b>	
<b>AUTO IGNITION TEMP. (°C):</b>	538		
<b>FLAMMABILITY LIMIT - LOWER(%):</b>	3		
<b>FLAMMABILITY LIMIT - UPPER(%):</b>	13		

## 10. STABILITY AND REACTIVITY:

<b>STABILITY:</b>	Normally stable.
<b>CONDITIONS TO AVOID:</b>	Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

## 11. TOXICOLOGICAL INFORMATION:

<b>INHALATION:</b>	Harmful: possible risk of irreversible effects through inhalation.
<b>INGESTION:</b>	May cause discomfort if swallowed.
<b>SKIN:</b>	Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
<b>EYES:</b>	Irritation of eyes and mucous membranes.
<b>ROUTE OF ENTRY:</b>	Inhalation. Skin and/or eye contact.

## 12. ECOLOGICAL INFORMATION:

<b>ECOLOGICAL INFORMATION:</b>	Not regarded as dangerous for the environment.
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**13. DISPOSAL CONSIDERATIONS:**

**DISPOSAL METHODS:** Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.

**14. TRANSPORT INFORMATION:****LABEL FOR CONVEYANCE:**

<b>UN No. ROAD:</b>	1950
<b>UK ROAD TRANSPORT CLASS:</b>	2.1
<b>UK ROAD PACK GR.:</b>	Not Applicable
<b>ADR CLASS No.:</b>	2.1
<b>ADR CLASS:</b>	Division 2.1: Flammable gases.
<b>ADR ITEM No.:</b>	Not Applicable
<b>ADR MARGINAL:</b>	2201
<b>ADR LABEL No.:</b>	2.1
<b>CEFIC TEC(R) No.:</b>	20G5F
<b>PROPER SHIPPING NAME I:</b>	AEROSOLS
<b>RID CLASS No.:</b>	2.1
<b>RID ITEM No.:</b>	Not Applicable
<b>UN No. SEA:</b>	1950
<b>IMDG CLASS:</b>	2.1
<b>IMDG PACK GR.:</b>	Not Applicable
<b>EmS No.:</b>	F-E; S-U
<b>MFAG TABLE No.:</b>	See Guide
<b>MARINE POLLUTANT:</b>	No.
<b>UN No., AIR:</b>	1950
<b>ICAO CLASS:</b>	2.1
<b>AIR PACK GR.:</b>	Not Applicable

**15. REGULATORY INFORMATION:****LABEL FOR SUPPLY:**



<b>RISK PHRASES:</b>	R-12 Extremely flammable. R-40 Limited evidence of a carcinogenic effect. R-43 May cause sensitisation by skin contact. R-66 Repeated exposure may cause skin dryness or cracking. R-67 Vapours may cause drowsiness and dizziness.
<b>SAFETY PHRASES:</b>	S-16 Keep away from sources of ignition - No Smoking. S-23 Do not breathe gas/fumes/vapour/spray. S-36/37 Wear suitable protective clothing and gloves. S-51 Use only in well ventilated areas. SPECIAL PROVISIONS ON THE LABELLING OF AEROSOL DISPENSERS. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep out of the reach of children.
<b>STATUTORY INSTRUMENTS:</b>	Chemicals (Hazard Information and Packaging) Regulations.
<b>GUIDANCE NOTES:</b>	Occupational Exposure Limits EH40. CHIP for everyone HSG(108).

## 16. OTHER INFORMATION:

<b>USER NOTES:</b>	CN No 32089010
<b>REVISION COMMENTS:</b>	Revised in accordance with CHIP3 and EU Directive 1999/45/EC
<b>ISSUED BY:</b>	Helen O'Reilly
<b>REVISION DATE:</b>	MAY 2003
<b>REV. No./REPL. SDS GENERATED:</b>	0
<b>SDS No.:</b>	10462
<b>DISCLAIMER:</b>	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text. The information contained in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification
<b>R-PHRASES (Full Text):</b>	R-40 Limited evidence of a carcinogenic effect. R-43 May cause sensitisation by skin contact. R-10 Flammable. R-66 Repeated exposure may cause skin dryness or cracking. R-67 Vapours may cause drowsiness and dizziness. R-11 Highly flammable. R-20 Harmful by inhalation. R-20/21 Harmful by inhalation and in contact with skin. R-38 Irritating to skin. R-36 Irritating to eyes. R-37 Irritating to respiratory system. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-65 Harmful: may cause lung damage if swallowed. R-12 Extremely flammable.