

SAFETY DATA SHEET

NICKEL SCREENING COMPOUND

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

PRODUCT NAME: NICKEL SCREENING COMPOUND

PART No.: ENSC05L

SUPPLIER: H K WENTWORTH PTY LIMITED
P.O. BOX 339
BROOKVALE, NSW 2100
AUSTRALIA
Tel: 02 9938 1566
Fax: 02 9938 1566

2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.: BUTYL ACETATE 123-86-4	204-658-1	- R-10, 66, 67	10-30 %
TOLUENE 108-88-3	203-625-9	Xn ,F R-11, 20	5-10 %
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	1-5 %
1 ETHOXY- 2- PROPANOL 1569-02-4		Xi R-10, 36	1-5 %
NICKEL 7440-02-0	231-111-4	Xn R-40, 43 Carc3	30-60 %

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

3. HAZARDS IDENTIFICATION:

Highly flammable. Harmful by inhalation. Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact. Carcinogen Category 3.

HAZARDOUS SUBSTANCE: DANGEROUS GOODS

4. FIRST AID MEASURES:

INHALATION: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: DO NOT INDUCE VOMITING! Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Rinse mouth thoroughly. Get medical attention.

SKIN: Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

EYES: 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:

EXTINGUISHING MEDIA: Use: Alcohol resistant foam. Powder. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES: Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS: Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS: Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

STORAGE CRITERIA: Flammable liquid storage.

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 ³	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)

INGREDIENT COMMENTS: OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:



VENTILATION: Provide sufficient ventilation during operations which cause vapour formation.

RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES: Use protective gloves.

EYE PROTECTION: Wear approved safety goggles.

OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENIC WORK PRACTICES: DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Liquid.		
COLOUR:	Grey.		
ODOUR/TASTE:	Solvent.		
BOILING POINT (°C, interval):	110	Pressure:	
DENSITY/SPECIFIC GRAVITY (g/ml):	2.025	Temperature (°C):	20
SOLUBILITY DESCRIPTION:	Insoluble in water.		
FLASH POINT (°C):	17	Method:	CC (Closed cup).
AUTO IGNITION TEMP. (°C):	>150		
FLAMMABILITY LIMIT - LOWER(%):	1.2		
FLAMMABILITY LIMIT - UPPER(%):	19.0		

10. STABILITY AND REACTIVITY:

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition.

11. TOXICOLOGICAL INFORMATION:

INHALATION:	Solvent vapours are hazardous and may cause nausea, sickness and headaches. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.
INGESTION:	May cause stomach pain or vomiting.
SKIN:	May cause sensitisation by skin contact. Prolonged or repeated exposure may cause severe irritation.
EYES:	Irritating to eyes.
OTHER HEALTH EFFECTS:	Suspect Cancer Hazard.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	Not regarded as dangerous for the environment.
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13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	Dispose of in accordance with Local Authority requirements.
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14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE:



UN No. ROAD:	1263
UK ROAD TRANSPORT CLASS:	3
UK ROAD PACK GR.:	II
ADR CLASS No.:	3
ADR CLASS:	Class 3: Flammable liquids.
ADR ITEM No.:	II
ADR LABEL No.:	3
HAZCHEM CODE:	3YE
CEFIC TEC(R) No.:	30GF1-I+II,30GF1-sp
PROPER SHIPPING NAME I:	PAINT OR PAINT RELATED MATERIAL
RID CLASS No.:	3
RID ITEM No.:	II
UN No. SEA:	1263
IMDG CLASS:	3
IMDG PACK GR.:	II
EmS No.:	F-E; S-E
MFAG TABLE No.:	See Guide
MARINE POLLUTANT:	No.
UN No., AIR:	1263
ICAO CLASS:	3
AIR PACK GR.:	II

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES:	R-11 Highly flammable. R-20 Harmful by inhalation. R-40 Limited evidence of a carcinogenic effect. R-43 May cause sensitisation by skin contact.
SAFETY PHRASES:	S-16 Keep away from sources of ignition - No Smoking. S-36/37 Wear suitable protective clothing and gloves. S-51 Use only in well ventilated areas. S-9 Keep container in a well ventilated place.
UK REGULATORY REFERENCES:	Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid

	Regulations 1972. Fire precautions Act 1971. Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988.
ENVIRONMENTAL LISTING:	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980. Control of Pollution Act 1974.
EU DIRECTIVES:	System of specific information relating to Dangerous Preparations. 91\155. Dangerous Substance Directive 67\548. Dangerous Preparations Directive 88\379.
STATUTORY INSTRUMENTS:	Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations L62.
GUIDANCE NOTES:	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION:

USER NOTES:	CN No 32089010
REVISION COMMENTS:	Revised in accordance with CHIP3 and EU Directive 1999/45/EC
ISSUED BY:	Helen O'Reilly
REVISION DATE:	MAY 2003
REV. No./REPL. SDS GENERATED:	0
SDS No.:	10463
DISCLAIMER:	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
R-PHRASES (Full Text):	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.