



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

T151/MU124
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Revision 2

Revision date 2018-08-31

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name 119.1151.022 / 119.1151.025 / 119.1151.026

1.3. Details of the supplier of the safety data sheet

Company National Coding Technologies P/L

Address Unit 5c/46 Mileham Street Sydney NSW 2756

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - F; R11 Xi; R36 R66-67

1999/45/E C Symbols: F: Highly flammable. Xi: Irritant.

Main hazards Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking.
Vapours may cause drowsiness and dizziness.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (g/w) %	Classification
1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	603-064-00-3	107-98-2	203-539-1			R10 R67
Butanone (Butan-2-one (methyl ethyl ketone))	606-002-00-3	78-93-3	201-159-0		90 - 100%	F; R11 Xi; R36 R66 R67

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture

Highly flammable. Burning produces irritating, toxic and obnoxious fumes. Vapour may travel

5.2. Special hazards arising from the substance or mixture

considerable distance to source of ignition and flash back.

5.3. Advice for firefighters

Self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment. Eliminate all sources of ignition. Evacuate personnel to a safe area.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m3: 375
	WEL 15 min limit ppm: 150	WEL 15 min limit mg/m3: 560
Butanone (Butan-2-one (methyl ethyl ketone))	WEL 8-hr limit ppm: 200	WEL 8-hr limit mg/m3: 600
	WEL 15 min limit ppm: 300	WEL 15 min limit mg/m3: 899

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection -

Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Wear suitable respiratory equipment when necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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State	Liquid
Colour	Black
Odour	Characteristic
Boiling point	79
Flash point	-4
Relative density	0.810

Water solubility

Slightly soluble in water.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Oxidising agents.

10.4. Conditions to avoid

Heat, sparks and open flames.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

1-Methoxy-2-propanol	Inhalation Rat LC50/10 h: 10000 ppm Oral Mouse LD50: 11700 mg/kg Dermal Rabbit LD50: 1300 mg/kg
Butanone	Inhalation Rat LC50/8 h: 23500 mg/m3 Oral Rat LD50: 2737 mg/kg Oral Mouse LD50: 2190 mg/kg Dermal Rabbit LD50: 6480 mg/kg

SECTION 12: Ecological information

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1210

14.2. UN proper shipping name



PRINTING INK RELATED MATERIAL

14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3

14.3. Transport hazard class(es)	
Subsidiary risk -	
14.4. Packing group	
Packing group II	
14.5. Environmental hazards	
Environmental hazards No Marine	
pollutant No	
ADR/RID	
Hazard ID 33	
Tunnel Category (D/E) IMDG	
EmS Code F-E S-D IATA	
Packing Instruction (Cargo)	364
Maximum quantity 60 L	
Packing Instruction (Passenger)	353
Maximum quantity 5 L	

SECTION 15: Regulatory information

Labelling	
Symbols	The product is classified in accordance with 67/548/EEC. F: Highly flammable. Xi: Irritant.
Risk phrases	 
Safety phrases	<p>R11 - Highly flammable.</p> <p>R36 - Irritating to eyes.</p> <p>R66 - Repeated exposure may cause skin dryness or cracking.</p> <p>R67 - Vapours may cause drowsiness and dizziness.</p> <p>S16 - Keep away from sources of ignition - No smoking.</p>

SECTION 16: Other information

Other information	
Revision	This document differs from the previous version in the following areas:.
Text of risk phrases in Section 3	<p>2 - 2.1. Classification of the substance or mixture.</p> <p>9 - 9.1. Information on basic physical and chemical properties (State).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Colour).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Odour).</p> <p>R10 - Flammable</p> <p>R11 - Highly flammable.</p> <p>R36 - Irritating to eyes.</p> <p>R66 - Repeated exposure may cause skin dryness or cracking.</p> <p>R67 - Vapours may cause drowsiness and dizziness.</p>
Further information	

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in
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Further information

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combination with any other materials or in any other process.