

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

7. Handling and storage

7.1 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

8. Exposure controls/personal protection

8.1 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Not required.

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Impervious clothing.

Respiratory protection

Not required.

Control of environmental exposure

No special environmental precautions required.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance Form: liquid

Colour: clear

b) Odour

Odourless

c) pH

5.5 - 8

d) Melting point/freezing point

Melting point/range: 20 °C

e) Initial boiling point and boiling range

182 °C at 27 hPa

f) Flash point

160 °C - closed cup

g) Upper/lower flammability or explosive limits

Upper explosion limit: 19 %(V) at 1013 hPa

Lower explosion limit: 2,7 %(V) at 1013 hPa

h) Vapour pressure

0.0033 hPa at 50 °C

i) Vapour density

3.18 - (Air = 1.0)

j) Relative density

1.25 g/mL
 k) Water solubility
 Soluble
 l) Surface tension
 63.4 mN/m at 20 °C

10. Stability and reactivity

10.1 Chemical stability
 Stable under recommended storage conditions.
 10.2 Incompatible materials
 Strong bases, strong oxidizing agents.
 10.3 Hazardous decomposition products
 Hazardous decomposition products formed under fire conditions:
 Carbon oxides.

11. Toxicological information

11.1 Information on toxicological effects
 Acute toxicity
 LD50 Oral - Rat - 12.600 mg/kg
 LD50 Dermal - Rabbit - > 10.000 mg/kg
 Carcinogenicity
 IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
 Additional Information
 RTECS: MA8050000
 Kidney - Irregularities - Based on Human Evidence

12. Disposal considerations

12.1 Waste treatment methods
 Product
 Offer surplus and non-recyclable solutions to a licensed disposal company.
 Contaminated packaging
 Dispose of as unused product.

13. Transport Information Table

		ADR/RID – European packaging certification	IMDG International Maritime Dangerous Goods Code	IATA – DGR International Air Travel Association – Dangerous Goods Regulations
13.1	UN Number	-	-	-
13.2	UN Proper Shipping name	Not dangerous goods	Not dangerous goods	Not dangerous goods
13.3	Transport Hazard Class	-	-	-
13.4	Packaging group	-	-	-
13.5	Environmental Hazards	No	No	No
13.6	Special precautions for user	None		

14. Disclaimer

The information above is believed to be accurate and represents the best information currently available to us. However, the information is not a guarantee expressed or implied, with respect to such information, and we assume no liability resulting from its use. Anyone using the chemical described here should ensure that he or she has the appropriate training and has the expertise and any equipment required for safe handling. If clarification or further information is required, please contact ECP Ltd or refer to the official handler of dangerous goods within your own company. The user should also make their own investigations to determine the suitability of the product for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

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