



## **Product Specification**

cdhfinechemical.com

SYNONYMS       Ethyl green         C.I. NO.       42590         CASR NO.       7114-03-6         ATOMIC OR MOLECULAR FORMULA       C2rH3sCl2N3-ZnCl2         ATOMIC OR MOLECULAR WEIGHT       608.78         PROPERTIES       -         PARAMETER       LIMIT         Description       Green to red to red-brown crystals or powder.         Solubility       5 ppm solution in water yields opaque dark blue solution.         Minimum Assay       80.0%         Visual pH transition       pH 0.20 - 1.80 (yellow) (blue) 626 - 634 nm         Absorption maxima (20 ppm in water)       417 - 425 nm 311 - 319 nm         Note(s) :Assay (if applicable) method mentioned.       MIMG Code WARNING         WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.         Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
CASR NO.       7114-03-6         ATOMIC OR MOLECULAR FORMULA       62,7H35Cl2N3.ZnCl2         ATOMIC OR MOLECULAR WEIGHT       608.78         PROPERTIES       -         PARAMETER       LIMIT         Description       Green to red to red-brown crystals or powder.         Solubility       5 ppm solution in water yields opaque dark blue solution.         Minimum Assay       80.0%         Visual pH transition       pH 0.20 - 1.80 (yellow) (blue)         626 - 634 nm       417 - 425 nm         311 - 319 nm       Note(s) :Assay (if applicable) method mentioned.         WARNING       Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.         Precentionary statements       Most Cord         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection       ATA         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection       ATA         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protectionATA         Preventio	
CASR NO.       7114-03-6         ATOMIC OR MOLECULAR FORMULA       62,7H35Cl2N3.ZnCl2         ATOMIC OR MOLECULAR WEIGHT       608.78         PROPERTIES       -         PARAMETER       LIMIT         Description       Green to red to red-brown crystals or powder.         Solubility       5 ppm solution in water yields opaque dark blue solution.         Minimum Assay       80.0%         Visual pH transition       pH 0.20 - 1.80 (yellow) (blue)         626 - 634 nm       417 - 425 nm         311 - 319 nm       Note(s) :Assay (if applicable) method mentioned.         WARNING       Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.         Precentionary statements       Most Cord         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection       ATA         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection       ATA         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protectionATA         Preventio	
ATOMIC OR MOLECULAR FORMULA       C27H35Cl2N3.ZnCl2         ATOMIC OR MOLECULAR WEIGHT       608.78         PROPERTIES       -         PARAMETER       LIMIT         Description       Green to red to red-brown crystals or powder.         Solubility       5 ppm solution in water yields opaque dark blue solution.         Minimum Assay       80.0%         Visual pH transition       pH 0.20 - 1.80 (yellow) (blue) 626 - 634 nm         Absorption maxima (20 ppm in water)       417 - 425 nm 311 - 319 nm         Note(s) :Assay (if applicable) method mentioned.       IMDG Code UN No. Precautionary statements         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection. Precautionary statements       IMDG Code UN No.         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.         Disposel: Dispolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissol	
ATOMIC OR MOLECULAR WEIGHT       608.78       C27H35Cl2         ATOMIC OR MOLECULAR WEIGHT       608.78       C27H35Cl2         PROPERTIES       -       -         PARAMETER       LIMIT       Description       Green to red to red-brown crystals or powder.         Solubility       5 ppm solution in water yields opaque dark blue solution.       Minimum Assay       80.0%         Visual pH transition       pH 0.20 - 1.80 (yellow) (blue) 626 - 634 nm       Minimum Assay       608.78         Absorption maxima (20 ppm in water)       417 - 425 nm 311 - 319 nm       MDG Codd UN No.       MDG Codd UN No.         Note(s) :Assay (if applicable) method mentioned.       MDG Codd UN No.       IMDG Codd UN No.       IMDG Codd UN No.         WARNING       Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.       IMDG Codd UN No.         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.       IATA         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.       Disposol: Dissolve the chemical to be disposed, in	
ATOMIC OR MOLECULAR WEIGHT       b06.78	2Na.ZnCl <sub>2</sub>
PARAMETER       LIMIT         Description       Green to red to red-brown crystals or powder.         Solubility       5 ppm solution in water yields opaque dark blue solution.         Minimum Assay       80.0%         Visual pH transition       pH 0.20 - 1.80 (yellow) (blue) 626 - 634 nm         Absorption maxima (20 ppm in water)       417 - 425 nm 311 - 319 nm         Note(s) :Assay (if applicable) method mentioned.       IMDG Code UN No.         WARNING       IMDG code to the solution of the solution of the solution of the solution.         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.         Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	2
Description       Green to red to red-brown crystals or powder.         Solubility       5 ppm solution in water yields opaque dark blue solution.         Minimum Assay       80.0%         Visual pH transition       pH 0.20 - 1.80 (yellow) (blue)         626 - 634 nm         Absorption maxima (20 ppm in water)       417 - 425 nm 311 - 319 nm         Note(s) :Assay (if applicable) method mentioned.         WWRNING         Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.         Precention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.         Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
Solubility       5 ppm solution in water yields opaque dark blue solution.         Minimum Assay       80.0%         Visual pH transition       pH 0.20 - 1.80 (yellow) (blue)         626 - 634 nm         Absorption maxima (20 ppm in water)       417 - 425 nm 311 - 319 nm         Note(s) :Assay (if applicable) method mentioned.       IMDG Code         WARNING       IMDG code         Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.       IMDG Code         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.       IATA         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.       Image quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
Minimum Assay       80.0%         Visual pH transition       pH 0.20 - 1.80 (yellow) (blue) 626 - 634 nm Absorption maxima (20 ppm in water)       626 - 634 nm 417 - 425 nm 311 - 319 nm         Note(s) :Assay (if applicable) method mentioned.       MMDG Code         WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements       IMDG Code         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.       Image quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
Visual pH transition       pH 0.20 - 1.80 (yellow) (blue)       626 - 634 nm         Absorption maxima (20 ppm in water)       417 - 425 nm       311 - 319 nm         Note(s) :Assay (if applicable) method mentioned.       IMDG Code         WARNING       Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.       IMDG Code         Precautionary statements       Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.       IATA         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES:       Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.       Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
(yellow) (blue)         626 - 634 nm         Absorption maxima (20 ppm in water)         417 - 425 nm         311 - 319 nm         Note(s) :Assay (if applicable) method mentioned.         WARNING         Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.         Precautionary statements         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only         outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES:         Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.         Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
(yellow) (blue) 626 - 634 nm 311 - 425 nm 311 - 319 nm626 - 634 nm 417 - 425 nm 311 - 319 nmNote(s) :Assay (if applicable) method mentioned.IMDG Code UN No.WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.IMDG Code UN No. IATADisposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
Absorption maxima (20 ppm in water)       417 - 425 nm 311 - 319 nm         Note(s) :Assay (if applicable) method mentioned.       IMDG Code         WARNING       IMDG Code         Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.       IMDG Code         Precautionary statements       IMDG code         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.       IATA         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.       Image quantities protection for the quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
311 - 319 nm         Note(s) :Assay (if applicable) method mentioned.         WARNING         Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.         Precautionary statements         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.         Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
311 - 319 nm         Note(s) :Assay (if applicable) method mentioned.         IMDG Code         WARNING         Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.         Precautionary statements         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES:         Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.         Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
WARNING       IMDG Code         Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.       IMDG Code         Precautionary statements       UN No.         Precautionary statements       IATA         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only       IATA         outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.       IATA         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES:       IN DE Code         Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue       rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical         advice/attention.       Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities         of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.       UN No.         Precautionary statements       IATA         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.       IATA         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES:       Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.         Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
Precautionary statements       IATA         Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.       IATA         Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES:       Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.       If is posal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	le :
Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	:
outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. <b>Response:</b> IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. <b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	:
Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES:         Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue         rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical         advice/attention.         Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities         of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
<b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums	
ior conection by specialist disposal company.	
Hazard Pictogram(s) :	