

# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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## Kovac's Indole Reagent

Revision 3  
Revision date 2024-05-17

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

#### 1.1. Product identifier

|              |                        |
|--------------|------------------------|
| Product name | Kovac's Indole Reagent |
| Product code | KO-122, 700002936      |

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

|             |                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------|
| Product Use | [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals; |
| Description | Intended for use in routine analytics, including quality control and monitoring.                                       |

#### 1.3. Details of the supplier of the safety data sheet

|           |                                              |
|-----------|----------------------------------------------|
| Company   | Neogen Corporation                           |
| Address   | 620 Leshner Place<br>Lansing MI 48912<br>USA |
| Web       | www.neogen.com                               |
| Telephone | 517-372-9200/800-234-5333                    |
| Email     | SDS@neogen.com                               |

#### 1.4. Emergency telephone number

|  |                                                                                                                                                                                |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 24 hours:<br>Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)<br>Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international) |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

|                                      |                                                                               |
|--------------------------------------|-------------------------------------------------------------------------------|
| 2.1.2. Classification - EC 1272/2008 | Flam. Liq. 3: H226; Skin Corr. 1A: H314; Acute Tox. 4: H332; STOT SE 3: H335; |
|--------------------------------------|-------------------------------------------------------------------------------|

#### 2.2. Label elements

|                                     |                                                                                                                                                                                                                        |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard pictograms                   |                                                                                                                                     |
| Signal Word                         | Danger                                                                                                                                                                                                                 |
| Hazard Statement                    | Flam. Liq. 3: H226 - Flammable liquid and vapour.<br>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.<br>Acute Tox. 4: H332 - Harmful if inhaled.<br>STOT SE 3: H335 - May cause respiratory irritation. |
| Precautionary Statement: Prevention | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P233 - Keep container tightly closed.                                                                         |

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## 2.2. Label elements

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary Statement:<br>Response | P240 - Ground/bond container and receiving equipment.<br>P241 - Use explosion-proof electrical/ventilating/lighting// equipment.<br>P242 - Use only non-sparking tools.<br>P243 - Take precautionary measures against static discharge.<br>P260 - Do not breathe dust/fume/gas/mist/vapours/spray.<br>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P264 - Wash thoroughly after handling.<br>P271 - Use only outdoors or in a well-ventilated area.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection.                                                                     |
|                                      | P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.<br>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.<br>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 -Immediately call a POISON CENTER/doctor/ .<br>P363 - Wash contaminated clothing before reuse.<br>P370+P378 - In case of fire: Use alcohol resistant foam to extinguish. |
| Precautionary Statement:<br>Storage  | P403+P235 - Store in a well-ventilated place. Keep cool.<br>P405 - Store locked up.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Precautionary Statement:<br>Disposal | P501 - Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## 2.3. Other hazards

|               |                                                         |
|---------------|---------------------------------------------------------|
| Other hazards | Contains material(s) which may be harmful if swallowed. |
|---------------|---------------------------------------------------------|

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

| Chemical Name                                                 | Index No.    | CAS No.   | EC No.    | REACH No. | Conc. (%w/w) | Classification                                                                |
|---------------------------------------------------------------|--------------|-----------|-----------|-----------|--------------|-------------------------------------------------------------------------------|
| 1-pentanol                                                    | 603-200-00-1 | 71-41-0   | 200-752-1 |           | 70 - 80%     | Flam. Liq. 3: H226; Acute Tox. 4: H332; STOT SE 3: H335; Skin Irrit. 2: H315; |
| Hydrogen chloride (Hydrogen chloride (gas and aerosol mists)) | 017-002-00-2 | 7647-01-0 | 231-595-7 |           | 20 - 30%     | Acute Tox. 3: H331; Skin Corr. 1A: H314;                                      |

## Description

|  |                                                       |
|--|-------------------------------------------------------|
|  | Concentrations listed are not product specifications. |
|--|-------------------------------------------------------|

## Particle Characteristics

|  |                 |
|--|-----------------|
|  | Not applicable. |
|--|-----------------|

## Further information

|  |                                                                                  |
|--|----------------------------------------------------------------------------------|
|  | Full text of Hazard Statements listed in this Section is provided in Section 16. |
|--|----------------------------------------------------------------------------------|

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

|              |                                                                                                                                                                                            |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist. |
| Eye contact  | Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.                                                        |
| Skin contact | Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation or                                                                                            |

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## 4.1. Description of first aid measures

|           |                                                                                                                                                                                                                     |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ingestion | symptoms persist.                                                                                                                                                                                                   |
|           | Do not induce vomiting unless told to do so by the poison control center or doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. |

## 4.2. Most important symptoms and effects, both acute and delayed

|              |                                                                 |
|--------------|-----------------------------------------------------------------|
| Inhalation   | Harmful if inhaled. May cause irritation to respiratory system. |
| Eye contact  | Causes serious eye damage.                                      |
| Skin contact | Causes skin burns.                                              |
| Ingestion    | Ingestion may cause nausea and vomiting.                        |

## 4.3. Indication of any immediate medical attention and special treatment needed

|  |                                                                                                                                                                                                                                                                            |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand. |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|  |                                                                                                                     |
|--|---------------------------------------------------------------------------------------------------------------------|
|  | Use as appropriate: Alcohol resistant foam. Use extinguishing media appropriate to the surrounding fire conditions. |
|--|---------------------------------------------------------------------------------------------------------------------|

### 5.2. Special hazards arising from the substance or mixture

|  |                                                                                                                                                                              |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Flammable liquid.<br>Harmful if inhaled. Avoid breathing vapour or spray mist. Do not allow undiluted product to be released to ground water, water course or sewage system. |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 5.3. Advice for firefighters

|  |                                                                                                                |
|--|----------------------------------------------------------------------------------------------------------------|
|  | Do not breathe vapour or spray mist. Wear self-contained breathing apparatus and chemical-protective clothing. |
|--|----------------------------------------------------------------------------------------------------------------|

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|  |                                                                                                                                                       |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Use as appropriate: Protective equipment, Protective clothing. Ensure adequate ventilation of the working area. Avoid prolonged or repeated exposure. |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.2. Environmental precautions

|  |                                                                                                                                                                 |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil. |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.3. Methods and material for containment and cleaning up

|  |                                                                                                                                                                           |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Absorb spillage to prevent material damage. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes. |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.4. Reference to other sections

|  |                                                      |
|--|------------------------------------------------------|
|  | See Section(s) 2, 8, and 13 for further information. |
|--|------------------------------------------------------|

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Use as appropriate: Protective clothing.<br>Read the entire label and follow all use directions, restrictions, and precautions. |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## 7.2. Conditions for safe storage, including any incompatibilities

|  |                                                                                                                                                                                                                                                                                                                                                                                  |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Store at temperatures between 2 °C and 8 °C. Flammable liquid. Follow label instructions. Store in correctly labelled containers. Do not use or store near heat or open flame. Keep away from sources of ignition - No smoking. Contact with combustible material may cause fire. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 7.3. Specific end use(s)

|  |                                             |
|--|---------------------------------------------|
|  | See Section(s) 1.2 for further information. |
|--|---------------------------------------------|

## Further information

|  |                                                                                                     |
|--|-----------------------------------------------------------------------------------------------------|
|  | Refer to product label and/or package insert for additional information. Follow label instructions. |
|--|-----------------------------------------------------------------------------------------------------|

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

|                                                               |                                                  |                                                    |
|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------|
| Hydrogen chloride (Hydrogen chloride (gas and aerosol mists)) | WEL 8-hr limit ppm: 1                            | WEL 8-hr limit mg/m3: 2                            |
|                                                               | WEL 15 min limit ppm: 5                          | WEL 15 min limit mg/m3: 8                          |
|                                                               | WEL 8-hr limit mg/m3 total -<br>inhalable dust:  | WEL 15 min limit mg/m3 total -<br>inhalable dust:  |
|                                                               | WEL 8-hr limit mg/m3 total -<br>respirable dust: | WEL 15 min limit mg/m3 total -<br>respirable dust: |

## 8.2. Exposure controls

|                                         |                                                                                                                                                                                                       |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         |                                                                                                                    |
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area.                                                                                                                                                      |
| 8.2.2. Individual protection measures   | Use as appropriate: Protective equipment.                                                                                                                                                             |
| Eye / face protection                   | Wear chemical safety goggles or face shield.                                                                                                                                                          |
| Skin protection - Handprotection        | Use as appropriate: Chemical-resistant gloves made of any waterproof material. Wash the outside of gloves before removing them.                                                                       |
| Skin protection - Other                 | Use as appropriate: Protective clothing. Wash contaminated clothing, separately from other laundry, with detergent and water before reuse.                                                            |
| Respiratory protection                  | In case of insufficient ventilation, wear suitable respiratory equipment.                                                                                                                             |
| Occupational exposure controls          | Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Protect clothing from contact with the product. Provide chemical shower. Provide eye wash station. |

## Further information

|  |                                                     |
|--|-----------------------------------------------------|
|  | Remove and wash contaminated clothing before reuse. |
|--|-----------------------------------------------------|

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

|                                   |                         |
|-----------------------------------|-------------------------|
| <b>Appearance</b>                 | Liquid                  |
| <b>Colour</b>                     | Colourless/Light yellow |
| <b>Odour</b>                      | Alcoholic               |
| <b>Flammability (solid, gas)</b>  | Not applicable.         |
| <b>Solubility</b>                 | Soluble in water        |
| <b>Odour threshold</b>            | No data available       |
| <b>pH</b>                         | No data available       |
| <b>Freezing Point</b>             | No data available       |
| <b>Initial boiling point</b>      | No data available       |
| <b>Melting point</b>              | No data available       |
| <b>Fat Solubility</b>             | No data available       |
| <b>Flash point</b>                | < 60 °C                 |
| <b>Relative Vapour Density</b>    | No data available       |
| <b>Vapour pressure</b>            | No data available       |
| <b>Autoignition temperature</b>   | No data available       |
| <b>Partition coefficient (P)</b>  | No data available       |
| <b>Evaporation rate</b>           | No data available       |
| <b>Density / Relative Density</b> | No data available       |
| <b>Oxidising properties</b>       | No data available       |
| <b>Viscosity</b>                  | No data available       |
| <b>Explosive properties</b>       | No data available       |

## 9.2. Other information

|                                         |                   |
|-----------------------------------------|-------------------|
| <b>Conductivity</b>                     | No data available |
| <b>Benzene Content</b>                  | No data available |
| <b>Lead content</b>                     | No data available |
| <b>Surface tension</b>                  | No data available |
| <b>Gas group</b>                        | No data available |
| <b>VOC (Volatile organic compounds)</b> | No data available |

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

## 10.2. Chemical stability

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

## 10.3. Possibility of hazardous reactions

|  |                                                                                                                       |
|--|-----------------------------------------------------------------------------------------------------------------------|
|  | Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected. |
|--|-----------------------------------------------------------------------------------------------------------------------|

## 10.4. Conditions to avoid

|  |                                                     |
|--|-----------------------------------------------------|
|  | Avoid sparks, flames, heat and sources of ignition. |
|--|-----------------------------------------------------|

## 10.5. Incompatible materials

|  |                        |
|--|------------------------|
|  | Combustible materials. |
|--|------------------------|

## 10.6. Hazardous decomposition products

|  |                |
|--|----------------|
|  | Carbon oxides. |
|--|----------------|

## SECTION 11: Toxicological information

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## 11.1 Information on hazard classes

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute toxicity                    | Harmful by inhalation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Skin corrosion/irritation         | Causes skin burns. Corrosive to living tissue.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Serious eye damage/irritation     | Causes serious eye damage. Causes severe inflammation and may damage the cornea.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Respiratory or skin sensitisation | May cause allergic reactions in susceptible people.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Germ cell mutagenicity            | No mutagenic effects reported.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Carcinogenicity                   | No components at >0,01% are listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values.<br>Listed by the International Agency for Research on Cancer (IARC) as a group 3 substance: evidence does not support the substance as a human carcinogen, [Hydrochloric acid, CAS No. 7647-01-0].<br>No components at >0,01% are listed in the National Toxicology Program (NTP) Report on Carcinogens.<br>Not listed in the OSHA standard 1910.1003 Carcinogens. |
| Reproductive toxicity             | No teratogenic effects reported.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| STOT-single exposure              | May cause allergy or asthma symptoms or breathing difficulties if inhaled.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| STOT-repeated exposure            | No Significant Hazard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Aspiration hazard                 | No Significant Hazard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Repeated or prolonged exposure    | Avoid prolonged or repeated exposure. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.                                                                                                                                                                                                                                                                                                                                                  |

## 11.1.2. Mixtures

|  |                                           |
|--|-------------------------------------------|
|  | See Section(s) 3 for further information. |
|--|-------------------------------------------|

## 11.1.3. Hazard Information

|  |                                                 |
|--|-------------------------------------------------|
|  | See Section(s) 2 and 3 for further information. |
|--|-------------------------------------------------|

## 11.1.4. Toxicological Information

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## 11.1.5. Hazard Class

|  |                                                  |
|--|--------------------------------------------------|
|  | See Section(s) 2 and 14 for further information. |
|--|--------------------------------------------------|

## 11.1.6. Classification Criteria

|  |                                                                                                                                              |
|--|----------------------------------------------------------------------------------------------------------------------------------------------|
|  | Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures.<br>See Section 15 for regulatory citations. |
|--|----------------------------------------------------------------------------------------------------------------------------------------------|

## 11.1.7. Information on likely routes of exposure

|  |                                                   |
|--|---------------------------------------------------|
|  | Eye contact. Skin contact. Ingestion. Inhalation. |
|--|---------------------------------------------------|

## 11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

|  |                                             |
|--|---------------------------------------------|
|  | See Section(s) 4.2 for further information. |
|--|---------------------------------------------|

## 11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

|  |                                             |
|--|---------------------------------------------|
|  | See Section(s) 4.2 for further information. |
|--|---------------------------------------------|

## 11.1.10. Interactive effects

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

## 11.1.11. Absence of specific data

|  |                                                                        |
|--|------------------------------------------------------------------------|
|  | <1% of this mixture consists of ingredients of unknown acute toxicity. |
|--|------------------------------------------------------------------------|

## 11.1.12. Mixture versus substance information

|  |                                           |
|--|-------------------------------------------|
|  | See Section(s) 3 for further information. |
|--|-------------------------------------------|

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## 11.1.13. Other information

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

## 11.2 Information on other hazards

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

## SECTION 12: Ecological information

## 12.1. Toxicity

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## 12.2. Persistence and degradability

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.3. Bioaccumulative potential

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.4. Mobility in soil

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.5. Results of PBT and vPvB assessment

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.6 Endocrine disrupting properties

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.7 Other adverse effects

|  |                                                      |
|--|------------------------------------------------------|
|  | Specific test data for the mixture is not available. |
|--|------------------------------------------------------|

## Further information

|  |                                                                               |
|--|-------------------------------------------------------------------------------|
|  | Keep out of lakes, ponds, or streams. Do not let product contaminate subsoil. |
|--|-------------------------------------------------------------------------------|

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

|  |                                                                                                           |
|--|-----------------------------------------------------------------------------------------------------------|
|  | Dispose of as special waste in compliance with local and national regulations. Follow label instructions. |
|--|-----------------------------------------------------------------------------------------------------------|

## Disposal methods

|  |                                                                                                                                                                                                  |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Flammable liquid.<br>Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations. |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Disposal of packaging

|  |                                                                                                                                                                                                                                                                                                                |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Nonrefillable container. Do not reuse or refill this container.<br>If empty: Do not reuse this container. Place in trash or offer for recycling, if available.<br>If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 14: Transport information

## Hazard pictograms

|  |                                                                                                                                                                         |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |   |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 14.1. UN number

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## 14.1. UN number

|  |        |
|--|--------|
|  | UN2924 |
|--|--------|

## 14.2. UN proper shipping name

|  |                                                                     |
|--|---------------------------------------------------------------------|
|  | FLAMMABLE LIQUID, CORROSIVE, N.O.S. (1-Pentanol, Hydrochloric acid) |
|--|---------------------------------------------------------------------|

## 14.3. Transport hazard class(es)

|                 |   |
|-----------------|---|
| ADR/RID         | 3 |
| Subsidiary risk | 8 |
| IMDG            | 3 |
| Subsidiary risk | 8 |
| IATA            | 3 |
| Subsidiary risk | 8 |

## 14.4. Packing group

|               |     |
|---------------|-----|
| Packing group | III |
|---------------|-----|

## 14.5. Environmental hazards

|                       |    |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant      | No |

## ADR/RID

|                 |       |
|-----------------|-------|
| Hazard ID       | 38    |
| Tunnel Category | (D/E) |

## IMDG

|          |         |
|----------|---------|
| EmS Code | F-E S-C |
|----------|---------|

## IATA

|                                 |      |
|---------------------------------|------|
| Packing Instruction (Cargo)     | 365  |
| Maximum quantity                | 60 L |
| Packing Instruction (Passenger) | 354  |
| Maximum quantity                | 5 L  |

## SECTION 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

|                                           |                                                                                                                                                                                                                                                  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regulations                               | COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1272/2008 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). |
| Chemical Inventories/Right-to-Know Lists: | Contact SDS@neogen.com for additional information. Please specify country or region with your request.<br><br>California Proposition 65: This product does not contain reportable substances at >0,0001% concentration.                          |

## SECTION 16: Other information

## Other information

|          |                                                                                                                                                                                                                                               |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision | This document differs from the previous version in the following areas:<br>1 - Product Use.<br>2 - Precautionary Statement: Prevention.<br>2 - Precautionary Statement: Response.<br>2 - Precautionary Statement: Storage.<br>4 - Inhalation. |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## Other information

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               | <p>4 - Eye contact.<br/>4 - Skin contact.<br/>5 - 5.1. Extinguishing media.<br/>5 - 5.2. Special hazards arising from the substance or mixture.<br/>7 - 7.2. Conditions for safe storage, including any incompatibilities.<br/>8 - Eye / face protection.<br/>8 - 8.1. Control parameters.<br/>9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).<br/>9 - 9.2. Other information (Conductivity).<br/>9 - 9.2. Other information (Gas group).<br/>9 - 9.2. Other information (Surface tension).<br/>9 - 9.2. Other information (Benzene Content).<br/>9 - 9.2. Other information (Lead content).<br/>11 - Acute toxicity.<br/>11 - Skin corrosion/irritation.<br/>11 - Carcinogenicity.<br/>11 - Serious eye damage/irritation.<br/>14 - ADR/RID.<br/>14 - IMDG.<br/>14 - IATA.</p>                                                                                                                                                                                                                                                                               |
| <b>Acronyms</b>                               | <p>ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR).<br/>CAS No.: Chemical Abstracts Service.<br/>CLASS: Classification, Labelling, and Safety Data Sheet of Hazardous Chemicals Regulation 2013 (Malaysia).<br/>FIFRA: U.S. Federal Insecticide, Fungicide, and Rodenticide Act.<br/>GHS: Globally Harmonized System.<br/>HCS 2012: U.S. Hazard Communication Standard (2012 revision).<br/>IATA: International Air Transport Association.<br/>ICAO: International Civil Aviation Organisation.<br/>IMDG: International Maritime Dangerous Goods.<br/>LD: Lethal dose.<br/>OEL: Occupational exposure limit.<br/>OSHA: U.S. Occupational Safety and Health Administration.<br/>PEL: Permissible Exposure Limit.<br/>REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals.<br/>STOT: Specific Target Organ Toxicity.<br/>SVHC: Substance of very high concern.<br/>US DOT: United States Department of Transportation.<br/>VOC: Volatile Organic Compound.<br/>WEL: Workplace Exposure Limit.</p> |
| <b>Text of Hazard Statements in Section 3</b> | <p>Flam. Liq. 3: H226 - Flammable liquid and vapour.<br/>Skin Irrit. 2: H315 - Causes skin irritation.<br/>Acute Tox. 4: H332 - Harmful if inhaled.<br/>STOT SE 3: H335 - May cause respiratory irritation.<br/>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.<br/>Acute Tox. 3: H331 - Toxic if inhaled.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## Further information

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# Kovac's Indole Reagent

Revision 3  
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## Further information

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