

## **Safety Data Sheet**

acc. to OSHA HCS

Date of issue: 10/23/2024

Revision date 10/23/2024

Page 1/7

## **1** Identification · Product identifier · Trade name: IDO-IN-3 · Synonym 4-[(2-aminoethyl)amino]-N'-(3-bromo-4-fluorophenyl)-N-hydroxy-1,2,5-oxadiazole-3-carboximidamide · CAS Number: 2070018-30-1 Other means of identification • Article number: 28432 · Application of the substance / the mixture This product is for research use - Not for human or veterinary diagnostic or therapeutic use. · Details of the supplier of the safety data sheet Manufacturer/Supplier: Cayman Chemical Co. 1180 E. Ellsworth Rd. Ann Arbor, MI 48108 USA · Information department: Product safety department • Emergency telephone number: During normal opening times: +1 (734) 971-3335 US/CĂNADA: 800-424-9300 Outside US/CANADA: 703-741-5970 2 Hazard(s) identification Classification of the substance or mixture The substance is not classified, according to the Globally Harmonized System (GHS). · Label elements · GHS label elements None · Hazard pictograms None · Signal word None · Hazard statements None · Information pertaining to particular dangers for man and environment: Classification system: · NFPA ratings (scale 0 - 4) Health = 0Fire = 0Reactivity = 0 (Contd. on page 2)

US

Date of issue: 10/23/2024

Revision date 10/23/2024

Trade name: IDO-IN-3

(Contd. from page 1)

#### · HMIS-ratings (scale 0 - 4)

HEALTH 0	Health = 0
	Fire = 0
REACTIVITY 0	Reactivity = 0

#### · Other hazards

- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- vPvB: Not applicable.
- Classification according to (d)(1)(ii) of § 1910.12000

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

· Hazards not otherwise classified

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

### **3 Composition/information on ingredients**

- · Chemical characterization: Substances
- CAS No. Description 2070018-30-1 IDO-IN-3

#### **4 First-aid measures**

- · Description of first aid measures
- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### **5 Fire-fighting measures**

- · Extinguishing media
- · Suitable extinguishing agents:
- Use fire fighting measures that suit the environment.
- A solid water stream may be inefficient.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- · Protective equipment: No special measures required.

#### 6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Not required.

- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Pick up mechanically.

(Contd. on page 3)

<sup>·</sup>US

Date of issue: 10/23/2024

Revision date 10/23/2024

#### Trade name: IDO-IN-3

(Contd. from page 2)

- Protective Action Criteria for Chemicals
- PAC-1: Substance is not listed.
- **PAC-2:** Substance is not listed.
- **PAC-3:** Substance is not listed.
- Reference to other sections
   See Section 7 for information on safe handling.
   See Section 8 for information on personal protection equipment.
   See Section 13 for disposal information.

## 7 Handling and storage

- Precautions for safe handling No special measures required.
- Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- Storage: Store in accordance with information listed on the product insert.
- Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- Specific end use(s) No further relevant information available.

### 8 Exposure controls/personal protection

- · Control parameters
- Components with limit values that require monitoring at the workplace: Not required.
- Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls
- Appropriate engineering controls No further data; see section 7.
- · Personal protective equipment:
- General protective and hygienic measures:
- The usual precautionary measures for handling chemicals should be followed.
- Breathing equipment: Not required.
- Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• Eye protection: Not required.

(Contd. on page 4)

Date of issue: 10/23/2024

#### Trade name: IDO-IN-3

Revision date 10/23/2024

(Contd. from page 3)

SolidPhysical stateSolidColor:Not determined.Odor:CharacteristicStructural FormulaC11H12BrFN6O2Molecular Weight359.2 g/molStorage BufferSolidOdor threshold:Not determined.FormulationUndetermined.Boiling point/Boiling range:Undetermined.Boiling point/Boiling range:Undetermined.Flammability:Product is not flammable.Explosion limits:Explosion limits:Lower:Not determined.Ipper:Not determined.Plash point:Not applicable.Decomposition temperature:Not determined.pH-value:Not applicable.Viscosity:Kinematic:Kinematic:Not applicable.Solubility in / Miscibility withWater:Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not determined.Vapor pressure:Not determined.Vapor densityNot determined.Vapor densityNot determined.Vapor densityNot determined.Particle characteristicsNot determined.Papearance:Form:Form:SolidImportant information on protection of health and environment, and on safety.Ignition temperature:Not determined.	Information on basic physical and chemic General Information	al properties
Color:Not determined.Odor:CharacteristicStructural FormulaC11H12BrFN6O2Molecular Weight359.2 g/molStorage BufferStorage BufferOdor threshold:Not determined.FormulationUndetermined.Boiling point/Boiling range:Undetermined.Boiling point/Boiling range:Undetermined.Explosion limits:Product is not flammable.Explosion limits:Explosion limits:Lower:Not determined.Joper:Not determined.Plash point:Not applicable.Decomposition temperature:Not determined.Ph-value:Not applicable.SOLUBILITYEthanol: 1 mg/mlDynamic:Not determined.Solubility in / Miscibility withWater:Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not determined.Vapor pressure:Not determined.Vapor densityNot determined.Partitic characteristicsNot determined.Vapor densityNot determined.Vapor densityNot determined.Vapor densityNot determined.Vapor densityNot determined.Particle characteristicsNot determined.Mathematical characteristicsNot determined.Particle characteristicsNot determined.Mathematical characteristicsNot determined.Particle characteristicsNot determined.Mathematical characteristics <t< th=""><th></th><th>Solid</th></t<>		Solid
Structural Formula       C11H12BrFN6O2         Molecular Weight       359.2 g/mol         Storage Buffer       Odor threshold:         Not determined.       Formulation         Melting point/Bolling range:       Undetermined.         Boiling point/Bolling range:       Undetermined.         Flammability:       Product is not flammable.         Explosion limits:       Explosion limits:         Lower:       Not determined.         Upper:       Not determined.         Decomposition temperature:       Not applicable.         Decomposition temperature:       Not applicable.         SOLUBILITY       Ethanol: 1 mg/ml         Dynamic:       Not determined.         Solubility in / Miscibility with       Water:         Water:       Not determined.         Partition coefficient (n-octanol/water):       Not determined.         Vapor pressure:       Not determined.         Vapor density <t< td=""><td></td><td>Not determined.</td></t<>		Not determined.
Molecular Weight359.2 g/molStorage Buffer	Odor:	Characteristic
Storage Buffer       Vot of threshold:       Not determined.         Formulation       Wot determined.         Boiling point/Boiling range:       Undetermined.         Boiling point/Boiling range:       Undetermined.         Flammability:       Product is not flammable.         Explosion limits:       Explosion limits:         Lower:       Not determined.         Upper:       Not determined.         Flash point:       Not determined.         PH-value:       Not applicable.         Decomposition temperature:       Not determined.         yiscosity:       Kinematic:         Kinematic:       Not applicable.         SOLUBILITY       Ethanol: 1 mg/ml         Dynamic:       Not determined.         Solubility in / Miscibility with       Water:         Water:       Not determined.         Partition coefficient (n-octanol/water):       Not determined.         Vapor pressure:       Not determined.         Vapor pressure:       Not determined.         Vapor pressure:       Not determined.         Vapor pressure:       Not determined.         Vapor density       Not determined.         Vapor density       Not determined.         Vapor density       No	Structural Formula	C11H12BrFN6O2
Storage Buffer       Not determined.         Odor threshold:       Not determined.         Formulation       Undetermined.         Boiling point/Boiling range:       Undetermined.         Boiling point/Boiling range:       Undetermined.         Flammability:       Product is not flammable.         Explosion limits:       Explosion limits:         Lower:       Not determined.         Upper:       Not determined.         Flash point:       Not determined.         Pl-value:       Not applicable.         Decomposition temperature:       Not determined.         pH-value:       Not applicable.         Viscosity:       Kinematic:         Kinematic:       Not applicable.         SOLUBILITY       Ethanol: 1 mg/ml         Dynamic:       Not determined.         Solubility in / Miscibility with       Water:         Water:       Not determined.         Partition coefficient (n-octanol/water):       Not determined.         Vapor pressure:       Not determined.         Vapor pressure:       Not determined.         Vapor pressure:       Not determined.         Partition coefficient (n-octanol/water):       Not determined.         Vapor pressure:       Not determin	Molecular Weight	359.2 g/mol
FormulationMelting point/Melting range:Undetermined.Boiling point/Boiling range:Undetermined.Flammability:Product is not flammable.Explosion limits:Lower:Not determined.Upper:Not determined.Ployer:Not determined.Ployer:Not determined.Ployer:Not determined.Ployer:Not determined.Ployer:Not determined.Ployer:Not applicable.Decomposition temperature:Not applicable.Viscosity:Not applicable.Viscosity:Ethanol: 1 mg/mlSOLUBILITYEthanol: 1 mg/mlDynamic:Not determined.Solubility in / Miscibility withWater:Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not determined.Vapor pressure:Not determined.Partitive densityNot determined.Vapor densityNot determined.Vapor densityNot determined.Vapor densityNot determined.Vapor densityNot determined.Particle characteristicsNot determined.Other informationApplicable.Particle characteristicsNot determined.Important information on protection of health and environment, and on safety.	Storage Buffer	Ū.
Melting point/Melting range:       Undetermined.         Boiling point/Boiling range:       Undetermined.         Flammability:       Product is not flammable.         Explosion limits:       Explosion limits:         Lower:       Not determined.         Upper:       Not determined.         Flash point:       Not applicable.         Decomposition temperature:       Not determined.         pH-value:       Not applicable.         Viscosity:       Kinematic:         Kinematic:       Not applicable.         SOLUBILITY       Ethanol: 1 mg/ml         Dynamic:       Not determined.         Solubility in / Miscibility with       Water:         Water:       Not determined.         Partition coefficient (n-octanol/water):       Not determined.         Vapor pressure:       Vapor pressure:         Vapor pressure:       Vapor density         Vapor density       Not determined.         Vapor density       Not determined.         Particle characteristics       Not determined.         Particle characteristics       Not determined.         Particle characteristics       Not determined.         Particle characteristics       Not determined.         Papearance: <t< td=""><td></td><td>Not determined.</td></t<>		Not determined.
Boiling point/Boiling range:Undetermined.Flammability:Product is not flammable.Explosion limits:Lower:Not determined.Lower:Not determined.Flash point:Not applicable.Decomposition temperature:Not determined.pH-value:Not applicable.Viscosity:Kinematic:Kinematic:Not applicable.SOLUBILITYEthanol: 1 mg/mlDynamic:Not determined.Solubility in / Miscibility withWater:Water:Not determined.Vapor pressure:Not determined.Vapor pressure:Not applicable.Vapor densityNot determined.Particle characteristicsNot determined.Other informationNot applicable.Other information on protection of health and environment, and on safety.Solid	Formulation	
Flammability:       Product is not flammable.         Explosion limits:       Image: Second Sec	Melting point/Melting range:	Undetermined.
Flammability:       Product is not flammable.         Explosion limits:       Image: Second Sec		Undetermined.
Explosion limits:Lower:Not determined.Upper:Not determined.Flash point:Not applicable.Decomposition temperature:Not applicable.DH-value:Not applicable.Viscosity:Kinematic:Kinematic:Not applicable.SOLUBILITYEthanol: 1 mg/mlDynamic:Not applicable.Solubility in / Miscibility withWater:Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not determined.Vapor pressure:Not determined.Particle characteristicsNot determined.Particle characteristicsNot determined.Other informationNot applicable.Particle characteristicsNot determined.Important information on protection of health and environment, and on safety.Solid	Flammability:	Product is not flammable.
Upper:Not determined.Flash point:Not applicable.Decomposition temperature:Not determined.pH-value:Not applicable.Viscosity:Kinematic:Kinematic:Not applicable.SOLUBILITYEthanol: 1 mg/mlDynamic:Not applicable.Solubility in / Miscibility withWater:Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not determined.Vapor pressure:Not determined.Pensity:Not determined.Relative densityNot determined.Vapor densityNot determined.Particle characteristicsNot determined.Other informationAppearance:Form:SolidImportant information on protection of health and environment, and on safety.	Explosion limits:	
Flash point:Not applicable.Decomposition temperature:Not determined.pH-value:Not applicable.Viscosity:Kinematic:Kinematic:Not applicable.SOLUBILITYEthanol: 1 mg/mlDynamic:Not applicable.Solubility in / Miscibility withNot determined.Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not determined.Vapor pressure:Not determined.Pensity:Not determined.Qapor densityNot determined.Vapor densityNot determined.Particle characteristicsNot determined.Other informationSolidAppearance:SolidForm:SolidImportant information on protection of health and environment, and on safety.	Lower:	Not determined.
Decomposition temperature:Not determined.pH-value:Not applicable.Viscosity:Kinematic:Kinematic:Not applicable.SOLUBILITYEthanol: 1 mg/mlDynamic:Not applicable.Solubility in / Miscibility withWater:Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not determined.Vapor pressure:Not applicable.Vapor pressure:Not determined.Pensity:Not determined.Relative densityNot determined.Vapor densityNot applicable.Particle characteristicsNot determined.Other information Appearance: Form:SolidImportant information on protection of health and environment, and on safety.Solid	Upper:	Not determined.
Decomposition temperature:Not determined.pH-value:Not applicable.Viscosity:Not applicable.Kinematic:Not applicable.SOLUBILITYEthanol: 1 mg/mlDynamic:Not applicable.Solubility in / Miscibility withWater:Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not determined.Vapor pressure:Not applicable.Vapor pressure:Not determined.Pensity:Not determined.Relative densityNot determined.Vapor densityNot applicable.Particle characteristicsNot determined.Other information Appearance: Form:SolidImportant information on protection of health and environment, and on safety.Solid	Flash point:	Not applicable.
Viscosity: Kinematic: Not applicable. SOLUBILITY Ethanol: 1 mg/ml Dynamic: Not applicable. Solubility in / Miscibility with Water: Not determined. Partition coefficient (n-octanol/water): Not determined. Vapor pressure: Not applicable. Vapor pressure: Not determined. Vapor pressure: Not determined. Relative density Not determined. Relative density Not determined. Vapor density Not applicable. Particle characteristics Not determined. Other information Appearance: Form: Solid Important information on protection of health and environment, and on safety.	Decomposition temperature:	••
Kinematic:Not applicable.SOLUBILITYEthanol: 1 mg/mlDynamic:Not applicable.Solubility in / Miscibility withWater:Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not applicable.Vapor pressure:Not applicable.Vapor pressure:Not determined.Particle densityNot determined.Vapor densityNot determined.Particle characteristicsNot determined.Other information Appearance: Form:SolidImportant information on protection of health and environment, and on safety.Solid	pH-value:	Not applicable.
SOLUBILITYEthanol: 1 mg/mlDynamic:Not applicable.Solubility in / Miscibility withWater:Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not applicable.Vapor pressure:Not applicable.Vapor pressure:Not determined.Pensity:Not determined.Relative densityNot determined.Vapor densityNot applicable.Particle characteristicsNot determined.Other information Appearance: Form:SolidImportant information on protection of health and environment, and on safety.Solid	Viscosity:	
SOLUBILITYEthanol: 1 mg/mlDynamic:Not applicable.Solubility in / Miscibility withWater:Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not applicable.Vapor pressure:Not applicable.Vapor pressure:Not determined.Pensity:Not determined.Relative densityNot determined.Vapor densityNot applicable.Particle characteristicsNot determined.Other information Appearance: Form:SolidImportant information on protection of health and environment, and on safety.Solid	Kinematic:	Not applicable.
Solubility in / Miscibility withWater:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not applicable.Vapor pressure:Not determined.Density:Not determined.Relative densityNot determined.Vapor densityNot applicable.Particle characteristicsNot determined.Other informationAppearance:Form:SolidImportant information on protection of health and environment, and on safety.	SOLUBILITY	
Water:Not determined.Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not applicable.Vapor pressure:Not determined.Density:Not determined.Relative densityNot determined.Vapor densityNot applicable.Particle characteristicsNot determined.Other informationSolidAppearance:SolidForm:SolidImportant information on protection of health and environment, and on safety.	Dynamic:	Not applicable.
Partition coefficient (n-octanol/water):Not determined.Vapor pressure:Not applicable.Vapor pressure:Not determined.Density:Not determined.Relative densityNot determined.Vapor densityNot applicable.Particle characteristicsNot determined.Other information Appearance: Form:SolidImportant information on protection of health and environment, and on safety.Solid	Solubility in / Miscibility with	
Vapor pressure:Not applicable.Vapor pressure:Not determined.Density:Not determined.Relative densityNot determined.Vapor densityNot applicable.Particle characteristicsNot determined.Other informationSolidAppearance:SolidForm:SolidImportant information on protection of health and environment, and on safety.	Water:	Not determined.
Vapor pressure:Density:Not determined.Relative densityNot determined.Vapor densityNot applicable.Particle characteristicsNot determined.Other informationAppearance:Form:SolidImportant information on protection of health and environment, and on safety.	Partition coefficient (n-octanol/water):	Not determined.
Density:       Not determined.         Relative density       Not determined.         Vapor density       Not applicable.         Particle characteristics       Not determined.         Other information       Appearance:         Form:       Solid         Important information on protection of health and environment, and on safety.	Vapor pressure:	Not applicable.
Relative density       Not determined.         Vapor density       Not applicable.         Particle characteristics       Not determined.         Other information       Solid         Appearance:       Solid         Form:       Solid         Important information on protection of health and environment, and on safety.       Solid	Vapor pressure:	
Vapor density       Not applicable.         Particle characteristics       Not determined.         Other information       Appearance:         Form:       Solid         Important information on protection of health and environment, and on safety.       Solid		Not determined.
Particle characteristics       Not determined.         Other information       Appearance:         Form:       Solid         Important information on protection of health       and environment, and on safety.		Not determined.
Other information Appearance: Form: Solid Important information on protection of health and environment, and on safety.	Vapor density	Not applicable.
Appearance: Form: Solid Important information on protection of health and environment, and on safety.	Particle characteristics	Not determined.
Form: Solid Important information on protection of health and environment, and on safety.	Other information	
Form: Solid Important information on protection of health and environment, and on safety.	Appearance:	
and environment, and on safety.		Solid
and environment, and on safety.	Important information on protection of he	alth
		Not determined.
<b>Danger of explosion:</b> Product does not present an explosion hazard.		Product does not present an explosion hazard.
	Evaporation rate	Not applicable.

## **10 Stability and reactivity**

· **Reactivity** No further relevant information available.

· Chemical stability

• Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· Possibility of hazardous reactions No dangerous reactions known.

US

Date of issue: 10/23/2024

Revision date 10/23/2024

(Contd. from page 4)

Trade name: IDO-IN-3

- · Conditions to avoid No further relevant information available.
- Incompatible materials: strong reducing agents, strong oxidizing agents, strong bases, strong acids
- · Hazardous decomposition products: No dangerous decomposition products known.

## **11 Toxicological information**

- · Information on toxicological effects
- · Acute toxicity:
- · Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- The substance is not subject to classification.
- Interactive effects No interactive effects between components are known.
- · Carcinogenic categories
- · IARC (International Agency for Research on Cancer) Substance is not listed.
- NTP (National Toxicology Program) Substance is not listed.
- · OSHA-Ca (Occupational Safety & Health Administration) Substance is not listed.
- Alternative sources for toxicological information No non-standard sources for toxicological information where used.

### **12 Ecological information**

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · **Bioaccumulative potential** No further relevant information available.
- Mobility in soil No further relevant information available.
- Results of PBT and vPvB assessment
- · PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects
- · Additional ecological information:
- · General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## **13 Disposal considerations**

- Waste treatment methods
- Recommendation: Smaller quantities can be disposed of with household waste.

(Contd. on page 6)

Date of issue: 10/23/2024

Revision date 10/23/2024

(Contd. from page 5)

#### Trade name: IDO-IN-3

· Uncleaned packagings:

• **Recommendation:** Disposal must be made according to official regulations.

· UN-Number		
· DOT, IMDG, IATA	not regulated	
· UN proper shipping name		
· DOT, IMDG, IATA	not regulated	
· Transport hazard class(es)		
· DOT, ADN, IMDG, IATA		
· Class	not regulated	
· Packing group		
DOT, IMDG, IATA	not regulated	
· Environmental hazards:	Not applicable.	
· Transport in bulk according to Annex II of		
MARPOL73/78 and the IBC Code	Not applicable.	
· Special precautions for user	Not applicable.	
· UN "Model Regulation":	not regulated	

## **15 Regulatory information**

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

· Sara

- Section 355 (extremely hazardous substances): Substance is not listed.
- Section 313 (Specific toxic chemical listings): Substance is not listed.
- TSCA (Toxic Substances Control Act): Substance is not listed.
- · Hazardous Air Pollutants Substance is not listed.
- · Chemicals known to cause cancer: Substance is not listed.
- Chemicals known to cause reproductive toxicity for females: Substance is not listed.
- Chemicals known to cause reproductive toxicity for males: Substance is not listed.
- · Chemicals known to cause developmental toxicity: Substance is not listed.
- · Carcinogenic categories
- EPA (Environmental Protection Agency) Substance is not listed.
- TLV (Threshold Limit Value) Substance is not listed.
- NIOSH-Ca (National Institute for Occupational Safety and Health) Substance is not listed.
- · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## **16 Other information**

All chemicals may pose unknown hazards and should be used with caution. This SDS applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. Cayman Chemical Company assumes no responsibility for incidental or consequential damages, including lost profits, arising from the use of these data. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to

(Contd. on page 7)

Date of issue: 10/23/2024

Revision date 10/23/2024

## Trade name: IDO-IN-3

(Contd. f be reliable, Cayman Chemical Company assumes no responsibility for the completeness or ac the information contained herein.	rom page 6) ccuracy of
<ul> <li>Department issuing SDS: Environment protection department.</li> <li>Contact: -</li> <li>Date of previous version 09/07/2022</li> <li>Date of preparation 10/23/2024</li> <li>Abbreviations and acronyms:</li> <li>IMDG: International Maritime Code for Dangerous Goods</li> <li>DOT: US Department of Transportation</li> <li>IATA: International Air Transport Association</li> <li>CAS: Chemical Abstracts Service (division of the American Chemical Society)</li> <li>NFPA: National Fire Protection Association (USA)</li> <li>HMIS: Hazardous Materials Identification System (USA)</li> <li>PBT: Persistent, Bioaccumulative and Toxic</li> <li>vPvB: very Persistent and very Bioaccumulative</li> <li>NIOSH: National Institute for Occupational Safety</li> <li>OSHA: Occupational Safety &amp; Health</li> <li>TLV: Threshold Limit Value</li> <li>PEL: Permissible Exposure Limit</li> <li>* Data compared to the previous version altered.</li> </ul>	