

# CREETY AN R R BLUE RAL 5024 A COMPONENT

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Issue date: 2/17/2026 Revision date: 2/20/2026 Version: 3.0



### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : CREETY AN R R BLUE RAL 5024 A COMPONENT  
Product code : 19227142  
Type of product : Paint  
Product group : Trade product

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Coating for maintenance sector

#### 1.4. Supplier's details

##### WEG TINTAS LTDA - GRUPO WEG

##### Guaramirim - Santa Catarina / Brasil

Rodovia BR 280 – Km 50, 6.918 – Bloco A. Caixa D'Água – 89270-000 - +55 (47) 3276-4000

##### Mauá - São Paulo / Brasil

Rua Dr. Ulysses Guimarães, nº 918 – Bloco A. Loteamento Industrial Coral 09372-050 – Fone: +55 (11) 4547-6100

##### Cabo de Santo Agostinho - Pernambuco / Brasil

Via VII, 314 Distrito Industrial DIPER – 54590-000 - Fone: +55 (81) 3512-3000

##### Betim - Minas Gerais / Brasil

Avenida Juiz Marco Tulio Isaac, 2994 Betim Industrial – 32671-198, Fone: +55 (31) 3268-0687 / +55 (31) 3268-0686

##### Macaé - Rio de Janeiro / Brasil

Rua Itacolomi, 528 – Quadra H – Lote 11 Cabiúnas – 27977-340

##### Atotonilco de Tula - Estado de Hidalgo / México

Av. Hidalgo, lote 40, 41, 42 y 43 - Parque Industrial Bicentenario, CP 42980 - Fone: +52 (55) 5321-4231

##### Buenos Aires - Provincia de Buenos Aires / Argentina

Av. José Melián, 2983 - Parque Industrial Burzaco, B1852 - Fone: +54 (11) 4299-8000

#### 1.5. Emergency phone number

Emergency number :

|                                      |             |                                  |                         |
|--------------------------------------|-------------|----------------------------------|-------------------------|
| <b>24-HOUR EMERGENCY - AMBIPAR</b>   |             | 0800 117 2020                    |                         |
| <b>CHEMTREC international number</b> |             | +1-703-527-3887 e 1-800-424-9300 |                         |
| <b>Country</b>                       | <b>City</b> | <b>Local Number</b>              | <b>Toll-Free Number</b> |
| Austria                              | Vienna      | +43-1-3649237                    |                         |
| Austria                              |             |                                  | 0800 293702             |
| China                                |             | 400 120 4937                     |                         |
| France                               |             | +33-975181407                    |                         |
| Germany                              |             |                                  | 0800-181-7059           |

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|                |           |                  |                  |
|----------------|-----------|------------------|------------------|
| India          | Bangalore | +91 8071 279 207 |                  |
| India          |           |                  | 000 800 1007 141 |
| Italy          | Milan     | +39-02 4555 7031 |                  |
| Italy          |           |                  | 800 789 767      |
| Netherlands    |           | +31-85 888 0596  |                  |
| South Africa   |           |                  | 080-001-4676     |
| United Kingdom | London    | +44 20 3807 3798 |                  |
| South korea    |           |                  | 080-880-0454     |
| Japan          |           |                  | 0800-300-5842    |

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture

#### Classification according to GHS BR (ABNT NBR 14725: 2023)

Skin corrosion/irritation, Category 3  
Skin sensitisation, Category 1  
Germ cell mutagenicity, Category 1B  
Carcinogenicity, Category 1B  
Reproductive toxicity, Category 1B  
Hazardous to the aquatic environment - Acute Hazard, Category 2  
Hazardous to the aquatic environment - Chronic Hazard, Category 2

### 2.2. GHS Label elements, including precautionary statements

#### GHS BR labelling

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Danger

Hazard statements (GHS BR)

: H316 - Causes mild skin irritation  
H317 - May cause an allergic skin reaction  
H340 - May cause genetic defects.  
H350 - May cause cancer.  
H360 - May damage fertility or the unborn child.  
H411 - Toxic to aquatic life with long lasting effects  
Precautionary statements (GHS BR)  
: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing dust, fume, gas, mist, vapours or spray.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name                   | GHS Product identifier | Conc. (% w/w) | Classification according to GHS BR (ABNT NBR 14725: 2023)                                                                                                      |
|------------------------|------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DI-ISO-OCTYL PHTALATE  | CAS-No.: 117-81-7      | 10 – 20       | Repr. 1B, H360<br>Aquatic Acute 1, H400<br>Aquatic Chronic 4, H413                                                                                             |
| PINE DIPENTENE         | CAS-No.: 138-86-3      | 1 – 5         | Flam. Liq. 3, H226<br>Acute Tox. 5 (Dermal), H313<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410             |
| NAFTA (OIL)            | CAS-No.: 64741-65-7    | 0.25 – 0.5    | Flam. Liq. 3, H226<br>Acute Tox. 5 (Dermal), H313<br>Muta. 1B, H340<br>Carc. 1B, H350<br>Asp. Tox. 1, H304<br>Aquatic Acute 3, H402<br>Aquatic Chronic 3, H412 |
| ALUMINIUM OXIDE CHARGE | CAS-No.: 1344-28-1     | 0.1 – 0.25    | Acute Tox. 4 (Inhalation:dust,mist), H332<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                                                                  |

## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

|                                       |                                                                                                                                                                                                                                                                              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : IF exposed or concerned: Get medical advice/attention. People with over sensibility problems are not allowed to work or be exposed to the product.                                                                                                                         |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                                                                                                                                                                                                             |
| First-aid measures after skin contact | : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.                                                                                                                                                                              |
| First-aid measures after ingestion    | : Do NOT induce vomiting. Rinse mouth out with water.                                                                                                                                                                                                                        |

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

|                                     |                                                                                                                                         |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : May cause an allergic skin reaction.                                                                                                  |
| Symptoms/effects after inhalation   | : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. |
| Symptoms/effects after skin contact | : Causes mild skin irritation. Itching. Cracking of the skin. Prolonged or repeated contact may cause skin to become dry.               |
| Symptoms/effects after eye contact  | : May cause eye irritation.                                                                                                             |
| Symptoms/effects after ingestion    | : None under normal conditions.                                                                                                         |
| Chronic symptoms                    | : May cause cancer. May cause heritable genetic damage. May damage fertility. May damage the unborn child.                              |

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

|                    |                         |
|--------------------|-------------------------|
| Notes to physician | : Treat symptomatically |
|--------------------|-------------------------|

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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

- |                                |                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------|
| Suitable extinguishing media   | : Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                                                |

#### 5.2. Specific hazards arising from the chemical

- |                  |                                                          |
|------------------|----------------------------------------------------------|
| Fire hazard      | : In case of fire and/or explosion do not breathe fumes. |
| Explosion hazard | : No direct explosion hazard.                            |

#### 5.3. Special protective actions for fire-fighters

- |                                |                                                                                                                                                                |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Fight fire with normal precautions from a reasonable distance. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Use self-contained breathing apparatus and chemically protective clothing.                                                                                   |

### SECTION 6: Accidental release measures

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

- |                  |                                                                                                                                                                                                                                                                                                                                 |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General measures | : Avoid contact with skin and eyes. May be harmful to aquatic organisms, to flora, to soil organisms. Clean up any spills as soon as possible, using an absorbent material to collect it. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

##### 6.1.1. For non-emergency personnel

- |                      |                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment.                                                                                                       |
| Emergency procedures | : Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene. Notify fire brigade and environmental authorities. |

##### 6.1.2. For emergency responders

- |                      |                                                                                                                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Self-contained breathing apparatus. Total impervious protective suits, gloves, and boots must be worn to prevent any contact with the product. Equip cleanup crew with proper protection. |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so.                                                                                                                               |

#### 6.2. Environmental precautions

Do not allow to enter drains or water courses. Toxic to aquatic life with long lasting effects. Do not allow product to spread into the environment. Notify authorities if product enters sewers or public waters.

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

- |                         |                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : Stop leak without risks if possible. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.        |
| Methods for cleaning up | : Absorb spilled material with sand or earth. Clean contaminated surfaces with an excess of water. Take up liquid spill into absorbent material. |

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use.                                                                                                                                                                                                                                                                                                                                                               |
| Precautions for safe handling     | : Obtain special instructions before use. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Contaminated work clothing should not be allowed out of the workplace. Ensure good ventilation of the work |

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### Hygiene measures

station. Keep only in original container. Do not handle until all safety precautions have been read and understood.

: Always wash hands after handling the product. Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product.

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

#### Storage conditions

: Keep cool. Protect from sunlight. Store in a well-ventilated place. Keep cool.

#### Packaging materials

: Always store product in container of same material as original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DI-ISO-OCTYL PHTHALATE 117-81-7

#### USA - OSHA - Occupational Exposure Limits

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| Local name                     | Di-sec octyl phthalate (Di-(2-ethylhexyl) phthalate) |
| OSHA PEL TWA                   | 5 mg/m <sup>3</sup>                                  |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1                             |

### 8.2. Appropriate engineering controls

#### Appropriate engineering controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

### 8.3. Individual protection measures

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Nitrile rubber gloves

#### Eye protection:

Wear security glasses which protect from splashes

#### Skin and body protection:

Chemical resistant safety shoes. Long sleeved protective clothing. Or chemical resistant apron

#### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

#### Personal protective equipment symbol(s):



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### SECTION 9: Physical and chemical properties

#### 9.1. Basic physical and chemical properties

|                                                 |                                |
|-------------------------------------------------|--------------------------------|
| Physical state                                  | : Liquid                       |
| Appearance                                      | : Liquid.                      |
| Colour                                          | : Blue                         |
| Odour                                           | : characteristic               |
| Odour threshold                                 | : Not available                |
| pH                                              | : Not available                |
| Melting point                                   | : Not available                |
| Freezing point                                  | : Not available                |
| Boiling point                                   | : Not available                |
| Flash point                                     | : 97 °C                        |
| Relative evaporation rate (butylacetate=1)      | : Not available                |
| Flammability                                    | : Not available                |
| Explosive limits                                | : Not available                |
| Vapour pressure                                 | : Not available                |
| Relative vapour density at 20°C                 | : Not available                |
| Relative density                                | : Not available                |
| Density                                         | : 0.968 – 1.069 g/cm³          |
| Solubility                                      | : Material insoluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                |
| Auto-ignition temperature                       | : Not available                |
| Decomposition temperature                       | : Not available                |
| Viscosity, kinematic                            | : Not available                |
| Particle size                                   | : Not applicable               |
| Particle size distribution                      | : Not applicable               |
| Particle shape                                  | : Not applicable               |
| Particle aspect ratio                           | : Not applicable               |
| Particle specific surface area                  | : Not applicable               |

#### PINE DIPENTENE138-86-3

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Boiling point             | 176 °C Source: Hazardous Substances Data Bank |
| Flash point               | 48 °C                                         |
| Auto-ignition temperature | 245 °C                                        |
| Vapour pressure           | 1.98 mm Hg                                    |

#### DI-ISO-OCTYL PHTHALATE117-81-7

|                           |                                        |
|---------------------------|----------------------------------------|
| Boiling point             | 384 °C Source: HSDB                    |
| Flash point               | 215 °C Source: ICSC                    |
| Auto-ignition temperature | 390 °C Source: ECHA                    |
| Vapour pressure           | 0.000000142 mm Hg at 25°C Source: HSDB |

#### NAFTA (OIL)64741-65-7

|                           |                           |
|---------------------------|---------------------------|
| Boiling point             | 172 – 215 °C Source: ICSC |
| Flash point               | 50 – 60 °C Source: ECHA   |
| Auto-ignition temperature | 355 °C Source: ICSC       |

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### ALUMINIUM OXIDE CHARGE 1344-28-1

|                 |                                |
|-----------------|--------------------------------|
| Boiling point   | 3000 °C Source: ICSC 0351      |
| Vapour pressure | 1 mm Hg at 2158°C Source: ECHA |

### 9.2. Data relevant with regard to physical hazard classes

No additional information available

### 9.3. Further safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

|                                    |                                                                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Chemical stability                 | : Stable under normal conditions of use.                                                                                             |
| Conditions to avoid                | : Extremely high or low temperatures. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| Hazardous decomposition products   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced.                               |
| Incompatible materials             | : No additional information available.                                                                                               |
| Possibility of hazardous reactions | : None under normal use.                                                                                                             |
| Reactivity                         | : The product is non-reactive under normal conditions of use, storage and transport.                                                 |
| Handling temperature               | : No additional information available                                                                                                |

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                 |
|-----------------------------|-----------------|
| Acute toxicity (oral)       | : Not available |
| Acute toxicity (dermal)     | : Not available |
| Acute toxicity (inhalation) | : Not available |

### PINE DIPENTENE (138-86-3)

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| LD50 oral rat      | 5300 mg/kg Source: Chemidplus                                                  |
| LD50 dermal rabbit | 5000 mg/kg Source: National Library of Medicine/Hazardous Substances Data Bank |

### DI-ISO-OCTYL PHTHALATE (117-81-7)

|               |                            |
|---------------|----------------------------|
| LD50 oral rat | > 20000 mg/kg Source: ECHA |
|---------------|----------------------------|

### NAFTA (OIL) (64741-65-7)

|                                   |                             |
|-----------------------------------|-----------------------------|
| LD50 oral rat                     | > 7000 mg/kg Source: IUCLID |
| LD50 dermal rat                   | > 2000 mg/kg Source: IUCLID |
| LC50 Inhalation - Rat (Dust/Mist) | > 5.04 mg/l Source: IUCLID  |

### ALUMINIUM OXIDE CHARGE (1344-28-1)

|                                   |                            |
|-----------------------------------|----------------------------|
| LD50 oral rat                     | > 10000 mg/kg Source: ECHA |
| LC50 Inhalation - Rat (Dust/Mist) | > 2.3 mg/l Source: ECHA    |

|                           |                                |
|---------------------------|--------------------------------|
| Skin corrosion/irritation | : Causes mild skin irritation. |
|---------------------------|--------------------------------|

### ALUMINIUM OXIDE CHARGE (1344-28-1)

|    |       |
|----|-------|
| pH | 7 – 8 |
|----|-------|

|                               |                 |
|-------------------------------|-----------------|
| Serious eye damage/irritation | : Not available |
|-------------------------------|-----------------|

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### ALUMINIUM OXIDE CHARGE (1344-28-1)

|    |       |
|----|-------|
| pH | 7 – 8 |
|----|-------|

|                                   |                                        |
|-----------------------------------|----------------------------------------|
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity            | : May cause genetic defects.           |
| Carcinogenicity                   | : May cause cancer.                    |

### DI-ISO-OCTYL PHTHALATE (117-81-7)

|            |                                      |
|------------|--------------------------------------|
| IARC group | 2B - Possibly carcinogenic to humans |
|------------|--------------------------------------|

|                        |                                             |
|------------------------|---------------------------------------------|
| Reproductive toxicity  | : May damage fertility or the unborn child. |
| STOT-single exposure   | : Not available                             |
| STOT-repeated exposure | : Not available                             |
| Aspiration hazard      | : Not available                             |

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

|                                     |                                                                                                                                         |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : May cause an allergic skin reaction.                                                                                                  |
| Symptoms/effects after inhalation   | : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. |
| Symptoms/effects after skin contact | : Causes mild skin irritation. Itching. Cracking of the skin. Prolonged or repeated contact may cause skin to become dry.               |
| Symptoms/effects after eye contact  | : May cause eye irritation.                                                                                                             |
| Symptoms/effects after ingestion    | : None under normal conditions.                                                                                                         |
| Chronic symptoms                    | : May cause cancer. May cause heritable genetic damage. May damage fertility. May damage the unborn child.                              |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                                           |
|-----------------------------------------------------------|---------------------------------------------------------------------------|
| Ecology - general                                         | : Toxic to aquatic life with long lasting effects. Toxic to aquatic life. |
| Hazardous to the aquatic environment, short-term (acute)  | : Toxic to aquatic life.                                                  |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects.                        |

### PINE DIPENTENE138-86-3

|                      |                                                                |
|----------------------|----------------------------------------------------------------|
| LC50 - Fish [1]      | 38.5 mg/l Source: HSDB                                         |
| EC50 - Crustacea [1] | 17 mg/l Source: The ECOTOXicology database                     |
| EC50 96h - Algae [1] | 0.212 mg/l Source: Ecological Structure Activity Relationships |

### DI-ISO-OCTYL PHTHALATE117-81-7

|                      |                           |
|----------------------|---------------------------|
| LC50 - Fish [1]      | > 0.32 mg/l Source: EHCA  |
| EC50 - Crustacea [1] | > 0.003 mg/l Source: ECHA |

### NAFTA (OIL)64741-65-7

|                      |                        |
|----------------------|------------------------|
| EC50 72h - Algae [1] | 13 mg/l Source: IUCLID |
|----------------------|------------------------|

### ALUMINIUM OXIDE CHARGE1344-28-1

|                      |                                 |
|----------------------|---------------------------------|
| LC50 - Fish [1]      | 0.078 – 0.108 mg/l Source: ECHA |
| EC50 96h - Algae [1] | 0.024 mg/l Source: ECHA         |

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### 12.2. Persistence and degradability

| CREETY AN R R BLUE RAL 5024 A COMPONENT |                        |
|-----------------------------------------|------------------------|
| Persistence and degradability           | Not rapidly degradable |
| PINE DIPENTENE138-86-3                  |                        |
| Persistence and degradability           | Not rapidly degradable |
| DI-ISO-OCTYL PHTALATE117-81-7           |                        |
| Persistence and degradability           | Not rapidly degradable |
| NAFTA (OIL)64741-65-7                   |                        |
| Persistence and degradability           | Not rapidly degradable |
| ALUMINIUM OXIDE CHARGE1344-28-1         |                        |
| Persistence and degradability           | Not rapidly degradable |

### 12.3. Bioaccumulative potential

| PINE DIPENTENE138-86-3                          |                                             |
|-------------------------------------------------|---------------------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 4.57 Source: Hazardous Substances Data Bank |
| DI-ISO-OCTYL PHTALATE117-81-7                   |                                             |
| Partition coefficient n-octanol/water (Log Pow) | 7.6 Source: HSDB                            |
| NAFTA (OIL)64741-65-7                           |                                             |
| Partition coefficient n-octanol/water (Log Pow) | 2.8 – 6 Source: IUCLID                      |

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Hazardous to the ozone layer : Not available

## SECTION 13: Disposal considerations

|                                            |                                                                |
|--------------------------------------------|----------------------------------------------------------------|
| Waste treatment methods                    | : Must follow special treatment according to local regulation. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.     |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.     |
| Additional information                     | : Do not re-use empty containers.                              |

## SECTION 14: Transport information

### 14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

| ANTT                           | IMDG                      | IATA                                         |
|--------------------------------|---------------------------|----------------------------------------------|
| UN number                      |                           |                                              |
| 3082                           | 3082                      | 3082                                         |
| UN Proper Shipping Name        |                           |                                              |
| SUBSTÂNCIA QUE APRESENTA RISCO | ENVIRONMENTALLY HAZARDOUS | Environmentally hazardous substance, liquid, |

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# CREETY AN R R BLUE RAL 5024 A COMPONENT

19227142

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Revision date: 2/20/2026

|                                                                                   |                                                                                                              |                                                                                            |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| PARA O MEIO AMBIENTE, LÍQUIDA, N.E.<br>(PINE DIPENTENE)                           | SUBSTANCE, LIQUID, N.O.S. (PINE<br>DIPENTENE)                                                                | n.o.s. (PINE DIPENTENE)                                                                    |
| <b>Transport document description</b>                                             |                                                                                                              |                                                                                            |
| Not applicable                                                                    | UN 3082 ENVIRONMENTALLY HAZARDOUS<br>SUBSTANCE, LIQUID, N.O.S. (PINE<br>DIPENTENE), 9, III, MARINE POLLUTANT | UN 3082 Environmentally hazardous<br>substance, liquid, n.o.s. (PINE DIPENTENE), 9,<br>III |
| <b>Transport hazard class(es)</b>                                                 |                                                                                                              |                                                                                            |
| 9                                                                                 | 9                                                                                                            | 9                                                                                          |
| <b>Danger labels</b>                                                              |                                                                                                              |                                                                                            |
| 9                                                                                 | 9                                                                                                            | 9                                                                                          |
|  |                             |         |
| <b>Subsidiary risk</b>                                                            |                                                                                                              |                                                                                            |
| Not applicable                                                                    | Not applicable                                                                                               | Not applicable                                                                             |
| <b>Risk Number</b>                                                                |                                                                                                              |                                                                                            |
| 90                                                                                | Not applicable                                                                                               | Not applicable                                                                             |
| <b>Packing group</b>                                                              |                                                                                                              |                                                                                            |
| III                                                                               | III                                                                                                          | III                                                                                        |
| <b>Special provisions</b>                                                         |                                                                                                              |                                                                                            |
| 274,331,335,375                                                                   | 274,335,375,969                                                                                              | A97,A158,A197,A215                                                                         |
| <b>Dangerous for the environment</b>                                              |                                                                                                              |                                                                                            |
| Yes                                                                               | Yes                                                                                                          | Yes                                                                                        |

### 14.2 Other informations

No additional information available

## SECTION 15: Regulatory information

### 15.1. National regulations

Brazil Local Regulations

: Standard ABNT NBR 14725.

Federal Decree no. 10.088, of 5 November 2019 – Promulgates Convention no. 170 of the WLO, relating to Safety in the Use of Chemicals in the Workplace, ratified by the Federative Republic of Brazil.

Ministerial Order no. 2.770, of 5 September 2022 – Approves the new wording of Regulatory Standard No. 26

Federal Decree no. 96.044, of 18 May 1988 - Approves Regulations for Road Transportation of Hazardous Materials

Resolution no. 5998, of 03 November 2022, updates the regulation for road transport of dangerous goods, approves its Complementary Instructions, and other measures.

Law No. 12.305, of August 2, 2010 (National Policy on Solid Waste)

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### SECTION 16: Other information

#### Abbreviations and acronyms

: CAS-No. - Chemical Abstracts Service number  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
BCF - Bioconcentration factor  
EC50 - Median effective concentration  
LC50 - Median lethal concentration  
VOC - Volatile Organic Compounds  
LD50 - Median lethal dose  
DMEL - Derived Minimal Effect level  
DNEL - Derived-No Effect Level  
COD - Chemical oxygen demand (COD)  
ATE - Acute Toxicity Estimate  
IMDG - International Maritime Dangerous Goods  
IATA - International Air Transport Association  
EC-No. - European Community number  
vPvB - Very Persistent and Very Bioaccumulative  
WGK - Water Hazard Class  
IOELV - Indicative Occupational Exposure Limit Value  
BLV - Biological limit value  
TRGS - Technical Rules for Hazardous Substances  
TLM - Median Tolerance Limit  
IARC - International Agency for Research on Cancer

Important information, but not specifically described in the previous sections: This MSDS was prepared based on current knowledge about the handling of the product under normal conditions of use, according to the application specified on the packaging and recommended usage in Section 1 of this MSDS. Any other use of the product involving its combination with other materials, as well as forms of use different from those indicated, are the user's responsibility. The company advises that the handling of any chemical substance requires prior knowledge of its hazards by the user. In the workplace it is responsibility of the company user of the product to provide training of its employees and contractors about the possible risks arising from exposure to the chemical. We reserve the right to change the information contained in this document without prior notice, due to the improvement and continuous evolution of the product and technical knowledge.

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