

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## CLINEX 4-DIRT

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 15th December 2011 | Version | 7.0 |
| Revision date | 13th June 2024     |         |     |

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

- 1.1. Product identifier**  
Substance / mixture CLINEX 4-DIRT  
Number mixture  
UFI M-16042014  
SGHA-GWRP-320T-2T5F
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**  
Cleaning agent.  
**Main intended use**  
PC-CLN-OTH Other cleaning, care and maintenance products (excludes biocidal products)  
**Mixture uses advised against**  
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**  
**Manufacturer**  
Name or trade name AMTRA Sp. z o. o.  
Address Schonów 3, Sosnowiec, 41-200  
Poland  
VAT Reg No PL6250009241  
Phone +48 32 294 41 00  
E-mail amtra@amtra.pl  
**Competent person responsible for the safety data sheet**  
Name AMTRA Sp. z o. o.  
E-mail amtra@amtra.pl
- 1.4. Emergency telephone number**  
European emergency number: 112

### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**  
The mixture is classified as dangerous.

Eye Dam. 1, H318

#### Most serious adverse effects on human health and the environment

Causes serious eye damage.

- 2.2. Label elements**  
**Hazard pictogram**



#### Signal word

Danger

#### Hazardous substances

Ethoxylated isotridecanol

#### Hazard statements

H318 Causes serious eye damage.

#### Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.

#### Supplemental information

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## CLINEX 4-DIRT

Creation date 15th December 2011  
Revision date 13th June 2024 Version 7.0

<5 % amphoteric surfactants, <5 % non-ionic surfactants, <5 % EDTA and salts thereof, perfumes, Limonene

### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture of substances and additives specified below.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

| Identification numbers                                                            | Substance name                            | Content in % weight | Classification according to Regulation (EC) No 1272/2008                              | Note |
|-----------------------------------------------------------------------------------|-------------------------------------------|---------------------|---------------------------------------------------------------------------------------|------|
| Index: 603-096-00-8<br>CAS: 112-34-5<br>EC: 203-961-6                             | 2-(2-butoxyethoxy)ethanol                 | 3-5                 | Eye Irrit. 2, H319                                                                    | 1, 2 |
| CAS: 69011-36-5                                                                   | Ethoxylated isotridecanol                 | 1-3                 | Acute Tox. 4, H302<br>Eye Dam. 1, H318                                                |      |
| Index: 607-428-00-2<br>CAS: 64-02-8<br>EC: 200-573-9                              | tetrasodium ethylene diamine tetraacetate | 1-3                 | Acute Tox. 4, H302+H332<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT RE 2, H373 |      |
| CAS: 68515-73-1<br>EC: 500-220-1<br>Registration number:<br>01-2119488530-36-XXXX | D-glucopyranose                           | 1-3                 | Eye Dam. 1, H318                                                                      |      |

#### Notes

- 1 A substance for which exposure limits are set.
- 2 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

#### If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

#### If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

#### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

#### If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## CLINEX 4-DIRT

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 15th December 2011 |         |     |
| Revision date | 13th June 2024     | Version | 7.0 |

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

#### If inhaled

Inhaling vapours can cause corrosion of the breathing system.

#### If on skin

Not expected.

#### If in eyes

Causes serious eye damage.

#### If swallowed

Corrosion of the digestion system can occur.

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

Symptomatic treatment.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

#### Unsuitable extinguishing media

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

## SECTION 6: Accidental release measures

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

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## CLINEX 4-DIRT

Creation date 15th December 2011  
Revision date 13th June 2024 Version 7.0

### European Union

### Commission Directive 2006/15/EC

| Substance name (component)                | Type           | Value                   |
|-------------------------------------------|----------------|-------------------------|
| 2-(2-butoxyethoxy)ethanol (CAS: 112-34-5) | OEL 8 hours    | 67,5 mg/m <sup>3</sup>  |
|                                           | OEL 8 hours    | 10 ppm                  |
|                                           | OEL 15 minutes | 101,2 mg/m <sup>3</sup> |
|                                           | OEL 15 minutes | 15 ppm                  |

### 8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

#### Skin protection

Hand protection:

Chemical resistant gloves should be worn whenever working with chemical products when a risk assessment indicates this is necessary.

The selected protective gloves must meet the requirements of the EN 374-1 standard. Recommended for long-term contact:

Material for protective gloves: nitrile rubber. Thickness: 0.11 mm

Breakthrough time: > 480 min.

Efficiency class: 6

Recommended for momentary contact:

Material for protective gloves: nitrile rubber

Thickness: 0.11 mm

Breakthrough time: > 480 min.

Efficiency class: 6

Respiratory protection Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

#### Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

#### Thermal hazard

Data not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Physical state                                           | liquid             |
| Colour                                                   | green, yellow      |
| Odour                                                    | characteristic     |
| Melting point/freezing point                             | data not available |
| Boiling point or initial boiling point and boiling range | data not available |
| Flammability                                             | data not available |
| Lower and upper explosion limit                          | data not available |
| Flash point                                              | data not available |
| Auto-ignition temperature                                | data not available |
| Decomposition temperature                                | data not available |
| pH                                                       | 11 (undiluted)     |
| Kinematic viscosity                                      | data not available |
| Solubility in water                                      | soluble            |
| Partition coefficient n-octanol/water (log value)        | data not available |
| Vapour pressure                                          | data not available |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## CLINEX 4-DIRT

Creation date 15th December 2011  
Revision date 13th June 2024 Version 7.0

Density and/or relative density

Density

1.0 g/cm<sup>3</sup>

Relative vapour density

data not available

Particle characteristics

data not available

### 9.2. Other information

not available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

not available

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

| D-glucopyranose   |                  |             |               |                         |     |
|-------------------|------------------|-------------|---------------|-------------------------|-----|
| Route of exposure | Parameter        | Value       | Exposure time | Species                 | Sex |
| Oral              | LD <sub>50</sub> | >2000 mg/kg |               | Rat (Rattus norvegicus) |     |

| Ethoxylated isotridecanol |                  |            |               |                         |     |
|---------------------------|------------------|------------|---------------|-------------------------|-----|
| Route of exposure         | Parameter        | Value      | Exposure time | Species                 | Sex |
| Oral                      | LD <sub>50</sub> | >500 mg/kg |               | Rat (Rattus norvegicus) |     |

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

Causes serious eye damage.

#### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data the classification criteria are not met.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## CLINEX 4-DIRT

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 15th December 2011 |         |     |
| Revision date | 13th June 2024     | Version | 7.0 |

### **Carcinogenicity**

Based on available data the classification criteria are not met.

### **Reproductive toxicity**

Based on available data the classification criteria are not met.

### **Toxicity for specific target organ - single exposure**

Based on available data the classification criteria are not met.

### **Toxicity for specific target organ - repeated exposure**

Based on available data the classification criteria are not met.

### **Aspiration hazard**

Based on available data the classification criteria are not met.

## **11.2. Information on other hazards**

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

not available

### **12.2. Persistence and degradability**

not available

### **12.3. Bioaccumulative potential**

Data not available.

### **12.4. Mobility in soil**

Data not available.

### **12.5. Results of PBT and vPvB assessment**

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

### **12.6. Endocrine disrupting properties**

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### **12.7. Other adverse effects**

Data not available.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

### **Waste management legislation**

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

## **SECTION 14: Transport information**

### **14.1. UN number or ID number**

not subject to transport regulations

### **14.2. UN proper shipping name**

not relevant

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## CLINEX 4-DIRT

Creation date 15th December 2011  
Revision date 13th June 2024 Version 7.0

- 14.3. Transport hazard class(es)**  
not relevant
- 14.4. Packing group**  
not relevant
- 14.5. Environmental hazards**  
not relevant
- 14.6. Special precautions for user**  
Reference in the Sections 4 to 8.
- 14.7. Maritime transport in bulk according to IMO instruments**  
not relevant

### SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

#### Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

2-(2-butoxyethoxy)ethanol

| Restriction | Conditions of restriction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 55          | <p>1. Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of spray paints or spray cleaners in aerosol dispensers in concentrations equal to or greater than 3 % by weight.</p> <p>2. Spray paints and spray cleaners in aerosol dispensers containing DEGBE and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010.</p> <p>3. Without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that paints other than spray paints containing DEGBE in concentrations equal to or greater than 3 % by weight of that are placed on the market for supply to the general public are visibly, legibly and indelibly marked by 27 December 2010 as follows:</p> <p>"Do not use in paint spraying equipment".</p> |

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

### SECTION 16: Other information

#### A list of standard risk phrases used in the safety data sheet

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H302+H332 Harmful if swallowed or if inhaled.

#### Guidelines for safe handling used in the safety data sheet

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## CLINEX 4-DIRT

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 15th December 2011 | Version | 7.0 |
| Revision date | 13th June 2024     |         |     |

P310 Immediately call a POISON CENTER/doctor.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| ADR                 | European agreement concerning the international carriage of dangerous goods by road               |
| BCF                 | Bioconcentration Factor                                                                           |
| CAS                 | Chemical Abstracts Service                                                                        |
| CLP                 | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures |
| EC                  | Identification code for each substance listed in EINECS                                           |
| EINECS              | European Inventory of Existing Commercial Chemical Substances                                     |
| EmS                 | Emergency plan                                                                                    |
| EU                  | European Union                                                                                    |
| EuPCS               | European Product Categorisation System                                                            |
| IATA                | International Air Transport Association                                                           |
| IBC                 | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals       |
| ICAO                | International Civil Aviation Organization                                                         |
| IMDG                | International Maritime Dangerous Goods                                                            |
| IMO                 | International Maritime Organization                                                               |
| INCI                | International Nomenclature of Cosmetic Ingredients                                                |
| ISO                 | International Organization for Standardization                                                    |
| IUPAC               | International Union of Pure and Applied Chemistry                                                 |
| LD <sub>50</sub>    | Lethal dose of a substance in which it can be expected death of 50% of the population             |
| log K <sub>ow</sub> | Octanol-water partition coefficient                                                               |
| OEL                 | Occupational Exposure Limits                                                                      |
| PBT                 | Persistent, Bioaccumulative and Toxic                                                             |
| ppm                 | Parts per million                                                                                 |
| REACH               | Registration, Evaluation, Authorisation and Restriction of Chemicals                              |
| RID                 | Agreement on the transport of dangerous goods by rail                                             |
| UN                  | Four-figure identification number of the substance or article taken from the UN Model Regulations |
| UVCB                | Substances of unknown or variable composition, complex reaction products or biological materials  |
| VOC                 | Volatile organic compounds                                                                        |
| vPvB                | Very Persistent and very Bioaccumulative                                                          |

|             |                                                    |
|-------------|----------------------------------------------------|
| Acute Tox.  | Acute toxicity                                     |
| Eye Dam.    | Serious eye damage                                 |
| Skin Irrit. | Skin irritation                                    |
| STOT RE     | Specific target organ toxicity - repeated exposure |

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### The changes (which information has been added, deleted or modified)

The version 7.0 replaces the SDS version from 08 April 2021. Changes were made in sections 1, 2, 11, 12, 13, 15 and 16.

### More information

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## CLINEX 4-DIRT

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 15th December 2011 |         |     |
| Revision date | 13th June 2024     | Version | 7.0 |

Classification procedure - calculation method.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.