

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : NOUVEL BEDPAN DETERGENT  
Product code : 64

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

##### 1.2.1. Relevant identified uses

No additional information available

##### 1.2.2. Uses advised against

No additional information available

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

The Proton Group Ltd.  
Ripley Drive  
WF6 1QT Normanton – West Yorkshire  
United Kingdom  
T 01924 892834  
[Mail@proton-group.co.uk](mailto:Mail@proton-group.co.uk) - <https://proton-group.co.uk/>

#### 1.4. Emergency telephone number

Emergency number : 999

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 2 H319  
Reproductive toxicity, Category 1B H360  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

May damage fertility or the unborn child. Causes serious eye irritation.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Contains : disodium tetraborate decahydrate  
Hazard statements (CLP) : H319 - Causes serious eye irritation.  
H360 - May damage fertility or the unborn child.  
Precautionary statements (CLP) : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing 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.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.

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EUH-statements : EUH208 - Contains formaldehyde ...% (50-00-0). May produce an allergic reaction.

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name  | Product identifier  | %                | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|---|---|------------------|---|
| edetate acid; (EDTA)  | CAS-No.: 60-00-4<br>EC-No.: 200-449-4<br>EC Index-No.: 607-429-00-8   | $\geq 25 - < 50$ | Eye Irrit. 2, H319  |
| disodium tetraborate decahydrate<br>substance listed as REACH Candidate (Disodium tetraborate, anhydrous) | CAS-No.: 1303-96-4<br>EC-No.: 215-540-4<br>EC Index-No.: 005-011-00-4 | $\geq 0.1 - < 1$ | Repr. 1B, H360FD  |
| formaldehyde ...%   | CAS-No.: 50-00-0<br>EC-No.: 200-001-8<br>EC Index-No.: 605-001-00-5   | $< 0.1$          | Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight)<br>Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight)<br>Acute Tox. 3 (Inhalation), H331 (ATE=0.5 mg/l/4h)<br>Skin Corr. 1B, H314<br>Skin Sens. 1, H317<br>Muta. 2, H341<br>Carc. 1B, H350 |

### Specific concentration limits:

| Name              | Product identifier  | Specific concentration limits  |
|-------------------|---|--|
| formaldehyde ...% | CAS-No.: 50-00-0<br>EC-No.: 200-001-8<br>EC Index-No.: 605-001-00-5 | ( $0.2 \leq C \leq 100$ ) Skin Sens. 1, H317<br>( $5 \leq C < 25$ ) Skin Irrit. 2, H315<br>( $5 \leq C < 25$ ) Eye Irrit. 2, H319<br>( $5 \leq C \leq 100$ ) STOT SE 3, H335<br>( $25 \leq C \leq 100$ ) Skin Corr. 1B, H314 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

###### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### 8.2.2. Personal protection equipment

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



###### 8.2.2.1. Eye and face protection

###### Eye protection:

Safety glasses

###### 8.2.2.2. Skin protection

###### Skin and body protection:

Wear suitable protective clothing

###### Hand protection:

Protective gloves

###### 8.2.2.3. Respiratory protection

###### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

###### 8.2.2.4. Thermal hazards

No additional information available

##### 8.2.3. Environmental exposure controls

###### Environmental exposure controls:

Avoid release to the environment.

### SECTION 9: Physical and chemical properties

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

|                 |                     |
|-----------------|---------------------|
| Physical state  | : Liquid            |
| Colour          | : No data available |
| Odour           | : No data available |
| Odour threshold | : No data available |

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|   |                     |
|---|---------------------|
| pH  | : No data available |
| Relative evaporation rate (butylacetate=1)      | : No data available |
| Melting point                                   | : Not applicable    |
| Freezing point                                  | : No data available |
| Boiling point                                   | : No data available |
| Flash point                                     | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Flammability (solid, gas)                       | : Not applicable    |
| Vapour pressure                                 | : No data available |
| Relative vapour density at 20°C                 | : No data available |
| Relative density                                | : No data available |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosive properties                            | : No data available |
| Oxidising properties                            | : No data available |
| Explosive limits                                | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

|                                   |   |
|-----------------------------------|---|
| Acute toxicity (oral)             | : Not classified                            |
| Acute toxicity (dermal)           | : Not classified                            |
| Acute toxicity (inhalation)       | : Not classified                            |
| Skin corrosion/irritation         | : Not classified                            |
| Serious eye damage/irritation     | : Causes serious eye irritation.            |
| Respiratory or skin sensitisation | : Not classified                            |
| Germ cell mutagenicity            | : Not classified                            |
| Carcinogenicity                   | : Not classified                            |
| Reproductive toxicity             | : May damage fertility or the unborn child. |
| STOT-single exposure              | : Not classified                            |

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STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

### disodium tetraborate decahydrate (1303-96-4)

Viscosity, kinematic : Not applicable

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified  
Not rapidly degradable

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### Component

|  |   |
|--|---|
| disodium tetraborate decahydrate (1303-96-4) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
|--|---|

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
HP Code : HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

## SECTION 14: Transport information






In accordance with ADR / IMDG / IATA / ADN / RID

| ADR  | IMDG                                       | IATA                                       | ADN  | RID  |
|--|--|--|--|--|
| <b>14.1. UN number</b>                     |  |  |  |  |
| UN 3266                                    | UN 3266                                    | UN 3266                                    | UN 3266                                    | UN 3266                                    |
| <b>14.2. UN proper shipping name</b>       |  |  |  |  |
| CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. | Corrosive liquid, basic, inorganic, n.o.s. | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. |

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| ADR   | IMDG  | IATA  | ADN   | RID   |
|---|---|---|---|---|
| <b>Transport document description</b>   |   |   |   |   |
| UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, II, (E)                    | UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, II                         | UN 3266 Corrosive liquid, basic, inorganic, n.o.s., 8, II                         | UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, II                           | UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, II                           |
| <b>14.3. Transport hazard class(es)</b>   |   |   |   |   |
| 8   | 8   | 8   | 8   | 8   |
|  |  |  |  |  |
| <b>14.4. Packing group</b>  |   |   |   |   |
| II  | II  | II  | II  | II  |
| <b>14.5. Environmental hazards</b>  |   |   |   |   |
| Dangerous for the environment: No   | Dangerous for the environment: No<br>Marine pollutant: No                         | Dangerous for the environment: No   | Dangerous for the environment: No   | Dangerous for the environment: No   |
| No supplementary information available  |   |   |   |   |

### 14.6. Special precautions for user

#### Overland transport

|   |   |
|---|---|
| Classification code (ADR)                                 | : C5  |
| Special provisions (ADR)                                  | : 274   |
| Limited quantities (ADR)                                  | : 1I  |
| Excepted quantities (ADR)                                 | : E2  |
| Packing instructions (ADR)                                | : P001, IBC02   |
| Mixed packing provisions (ADR)                            | : MP15  |
| Portable tank and bulk container instructions (ADR)       | : T11   |
| Portable tank and bulk container special provisions (ADR) | : TP2, TP27   |
| Tank code (ADR)   | : L4BN  |
| Tank special provisions (ADR)                             | : TU42  |
| Vehicle for tank carriage                                 | : AT  |
| Transport category (ADR)                                  | : 2   |
| Hazard identification number (Kemler No.)                 | : 80  |
| Orange plates   | :  |

|                               |      |
|-------------------------------|------|
| Tunnel restriction code (ADR) | : E  |
| EAC code                      | : 2X |

#### Transport by sea

|                                 |             |
|---------------------------------|-------------|
| Special provisions (IMDG)       | : 274       |
| Limited quantities (IMDG)       | : 1 L       |
| Excepted quantities (IMDG)      | : E2        |
| Packing instructions (IMDG)     | : P001      |
| IBC packing instructions (IMDG) | : IBC02     |
| Tank instructions (IMDG)        | : T11       |
| Tank special provisions (IMDG)  | : TP2, TP27 |
| EmS-No. (Fire)                  | : F-A       |
| EmS-No. (Spillage)              | : S-B       |
| Stowage category (IMDG)         | : B         |
| Stowage and handling (IMDG)     | : SW2       |

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Segregation (IMDG) : SGG18, SG35  
Properties and observations (IMDG) : Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.

### Air transport

PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y840  
PCA limited quantity max net quantity (IATA) : 0.5L  
PCA packing instructions (IATA) : 851  
PCA max net quantity (IATA) : 1L  
CAO packing instructions (IATA) : 855  
CAO max net quantity (IATA) : 30L  
Special provisions (IATA) : A3, A803  
ERG code (IATA) : 8L

### Inland waterway transport

Classification code (ADN) : C5  
Special provisions (ADN) : 274  
Limited quantities (ADN) : 1 L  
Excepted quantities (ADN) : E2  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP, EP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : C5  
Special provisions (RID) : 274  
Limited quantities (RID) : 1L  
Excepted quantities (RID) : E2  
Packing instructions (RID) : P001, IBC02  
Mixed packing provisions (RID) : MP15  
Portable tank and bulk container instructions (RID) : T11  
Portable tank and bulk container special provisions (RID) : TP2, TP27  
Tank codes for RID tanks (RID) : L4BN  
Special provisions for RID tanks (RID) : TU42  
Transport category (RID) : 2  
Colis express (express parcels) (RID) : CE6  
Hazard identification number (RID) : 80

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List in concentrations  $\geq 0.1\%$  or SCL: Disodium tetraborate, anhydrous (EC 215-540-4, CAS 1303-96-4)

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)



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### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| 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             |
| ATE                         | Acute Toxicity Estimate   |
| BCF                         | Bioconcentration factor   |
| BLV                         | Biological limit value  |
| BOD                         | Biochemical oxygen demand (BOD)   |
| COD                         | Chemical oxygen demand (COD)  |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC-No.                      | European Community number   |
| EC50                        | Median effective concentration  |
| EN                          | European Standard   |
| IARC                        | International Agency for Research on Cancer   |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| LC50                        | Median lethal concentration   |
| LD50                        | Median lethal dose  |
| LOAEL                       | Lowest Observed Adverse Effect Level  |
| NOAEC                       | No-Observed Adverse Effect Concentration  |
| NOAEL                       | No-Observed Adverse Effect Level  |
| NOEC                        | No-Observed Effect Concentration  |
| OECD                        | Organisation for Economic Co-operation and Development  |
| OEL                         | Occupational Exposure Limit   |
| PBT                         | Persistent Bioaccumulative Toxic  |
| PNEC                        | Predicted No-Effect Concentration   |

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### Abbreviations and acronyms:

|         |  |
|---------|--|
| RID     | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS     | Safety Data Sheet  |
| STP     | Sewage treatment plant   |
| ThOD    | Theoretical oxygen demand (ThOD)   |
| TLM     | Median Tolerance Limit   |
| VOC     | Volatile Organic Compounds   |
| CAS-No. | Chemical Abstract Service number   |
| N.O.S.  | Not Otherwise Specified  |
| vPvB    | Very Persistent and Very Bioaccumulative                                     |
| ED      | Endocrine disrupting properties  |

### Full text of H- and EUH-statements:

|                           |  |
|---------------------------|--|
| Acute Tox. 3 (Dermal)     | Acute toxicity (dermal), Category 3  |
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3  |
| Acute Tox. 3 (Oral)       | Acute toxicity (oral), Category 3  |
| Carc. 1B                  | Carcinogenicity, Category 1B   |
| EUH208                    | Contains formaldehyde ...% (50-00-0). May produce an allergic reaction.                    |
| Eye Irrit. 2              | Serious eye damage/eye irritation, Category 2  |
| H301                      | Toxic if swallowed.  |
| H311                      | Toxic in contact with skin.  |
| H314                      | Causes severe skin burns and eye damage.   |
| H315                      | Causes skin irritation.  |
| H317                      | May cause an allergic skin reaction.   |
| H319                      | Causes serious eye irritation.   |
| H331                      | Toxic if inhaled.  |
| H335                      | May cause respiratory irritation.  |
| H341                      | Suspected of causing genetic defects.  |
| H350                      | May cause cancer.  |
| H360                      | May damage fertility or the unborn child.  |
| H360FD                    | May damage fertility. May damage the unborn child.   |
| Muta. 2                   | Germ cell mutagenicity, Category 2   |
| Repr. 1B                  | Reproductive toxicity, Category 1B   |
| Skin Corr. 1B             | Skin corrosion/irritation, Category 1, Sub-Category 1B                                     |
| Skin Irrit. 2             | Skin corrosion/irritation, Category 2  |
| Skin Sens. 1              | Skin sensitisation, Category 1   |
| STOT SE 3                 | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.