

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

## 1.1. Product identifier

Product form : Mixture  
Trade name : COCA-COLA NOZZLE HYGIENE KIT  
Type of product : Disinfectant

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

## Relevant identified uses

Main use category : Professional use  
Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Chlorine-based disinfectant

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

## SELDEN RESEARCH LIMITED

STADEN LANE  
BUXTON  
DERBYSHIRE  
SK17 9RZ  
UNITED KINGDOM

Tel: 01298 26226 Email: safety@selden.co.uk

## SELDEN EUROPE B.V.

WATERMOLEN 13  
6229 PM  
MAASTRICHT  
NETHERLANDS

Tel: +31 (0) 43 363 42 89  
Email: sds@selden.eu

## 1.4. Emergency telephone number

| Country/Area   | Organisation/Company   | Address                           | Emergency number   | Comment                              |
|----------------|--|-----------------------------------|--|--------------------------------------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital                     | PO Box 1297<br>Beaumont Road<br>9 | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |                                      |
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH            | 0344 892 0111  | Only for healthcare<br>professionals |

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

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

Acute toxicity (oral), Category 4 H302  
Serious eye damage/eye irritation, Category 2 H319  
Specific target organ toxicity – Single exposure, Category 3, H335  
Respiratory tract irritation  
Hazardous to the aquatic environment – Acute Hazard, H400  
Category 1  
Hazardous to the aquatic environment – Chronic Hazard, H410  
Category 1  
Full text of H- and EUH-statements: see section 16

## Adverse physicochemical, human health and environmental effects

No additional information available

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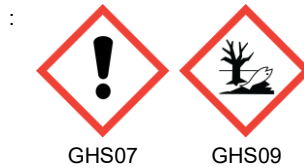
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### 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Warning

Contains

: Troclosene sodium

Hazard statements (CLP)

: H302 - Harmful if swallowed.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory irritation.  
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P102 - Keep out of reach of children.  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.  
P280 - Wear eye protection, protective gloves.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P391 - Collect spillage.

EUH-statements

: EUH031 - Contact with acids liberates toxic gas.

### 2.3. Other hazards

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

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name              | Product identifier   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|-------------------|--|---------|--|
| Troclosene sodium | CAS-No.: 2893-78-9<br>EC-No.: 220-767-7                              | 30 – 60 | Ox. Sol. 2, H272<br>Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 |
| adipic acid       | CAS-No.: 124-04-9<br>EC-No.: 204-673-3<br>EC Index-No.: 607-144-00-9 | 15 – 30 | Eye Irrit. 2, H319   |

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

: Get medical advice/attention if you feel unwell.

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|                                       |  |
|---------------------------------------|--|
| 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. If skin irritation occurs: Get medical advice/attention.   |
| First-aid measures after eye contact  | : IF IN EYES: 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    | : Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention.  |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects after inhalation   | : May cause respiratory irritation.                                      |
| Symptoms/effects after skin contact | : May cause moderate irritation.   |
| Symptoms/effects after eye contact  | : Direct contact with the eyes is likely to be irritating.               |
| Symptoms/effects after ingestion    | : May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. |

### 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 | : Carbon dioxide. Dry powder. Foam. |
|------------------------------|-------------------------------------|

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

|  |  |
|--|--|
| Hazardous decomposition products in case of fire | : Thermal decomposition generates : Chlorine. Carbon monoxide. |
|--|--|

### 5.3. Advice for firefighters

No additional information available

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

|                      |                                   |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

#### For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Use personal protective equipment as required. |
|----------------------|--|

### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |   |
|-------------------------|---|
| For containment         | : Collect spillage.   |
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. |

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Avoid contact with skin and eyes.                   |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. |

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

|                    |   |
|--------------------|---|
| Technical measures | : Does not require any specific or particular technical measures. |
|--------------------|---|

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|                            |  |
|----------------------------|--|
| Storage conditions         | : Keep container closed when not in use.       |
| Incompatible products      | : Oxidizing agent. Strong acids. Strong bases. |
| Special rules on packaging | : Keep only in original container.             |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Not required for normal conditions of use.

#### Personal protection equipment

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



#### Eye and face protection

##### Eye protection:

Wear eye protection. Safety glasses. ISO 16321-1

#### Skin protection

##### Skin and body protection:

Not required for normal conditions of use

##### Hand protection:

Wear protective gloves. Chemical resistant gloves (according to European standard ISO 374-1 or equivalent). Nitrile rubber gloves

##### Other skin protection

##### Materials for protective clothing:

Not required for normal conditions of use

#### Respiratory protection

##### Respiratory protection:

Not required for normal conditions of use

## SECTION 9: Physical and chemical properties

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

|                       |                  |
|-----------------------|------------------|
| Physical state        | : Solid          |
| Colour                | : white.         |
| Appearance            | : White solid.   |
| Odour                 | : chlorine-like. |
| Odour threshold       | : Not available  |
| Melting point         | : Not available  |
| Freezing point        | : Not available  |
| Boiling point         | : Not available  |
| Flammability          | : Not available  |
| Lower explosion limit | : Not applicable |
| Upper explosion limit | : Not applicable |
| Flash point           | : Not applicable |

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|   |                  |
|---|------------------|
| Auto-ignition temperature                       | : Not applicable |
| Decomposition temperature                       | : Not available  |
| pH  | : 7              |
| pH solution                                     | : Not available  |
| Viscosity, kinematic                            | : Not applicable |
| Solubility                                      | : Not available  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Vapour pressure                                 | : Not available  |
| Vapour pressure at 50°C                         | : Not available  |
| Density   | : Not available  |
| Relative density                                | : Not available  |
| Relative vapour density at 20°C                 | : Not applicable |
| Particle size                                   | : Not 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

Decomposition temperature.

## 10.5. Incompatible materials

Strong reducing agents. acids and bases. Nitrogen compounds. Strong oxidisers.

## 10.6. Hazardous decomposition products

Chlorine. Carbon monoxide.

## SECTION 11: Toxicological information

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

|                             |                         |
|-----------------------------|-------------------------|
| Acute toxicity (oral)       | : Harmful if swallowed. |
| Acute toxicity (dermal)     | : Not classified        |
| Acute toxicity (inhalation) | : Not classified        |

|                               |  |                           |
|-------------------------------|--|---------------------------|
| ATE CLP (oral)                |  | 1400.653 mg/kg bodyweight |
| Troclosene sodium (2893-78-9) |  |                           |
| LD50 oral rat                 |  | 735 mg/kg                 |
| LD50 dermal rabbit            |  | > 2000 mg/kg              |
| LC50 Inhalation - Rat         |  | > 150 mg/m <sup>3</sup>   |
| adipic acid (124-04-9)        |  |                           |
| LD50 oral rat                 |  | > 5500 mg/kg              |

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#### adipic acid (124-04-9)

|                                   |   |
|-----------------------------------|---|
| LD50 dermal rabbit                | 7940 mg/kg                                |
| Skin corrosion/irritation         | : Not classified<br>pH: 7                 |
| Serious eye damage/irritation     | : Causes serious eye irritation.<br>pH: 7 |
| Respiratory or skin sensitisation | : Not classified                          |
| Germ cell mutagenicity            | : Not classified                          |
| Carcinogenicity                   | : Not classified                          |
| Reproductive toxicity             | : Not classified                          |
| STOT-single exposure              | : May cause respiratory irritation.       |

#### Troclosene sodium (2893-78-9)

|                        |                                   |
|------------------------|-----------------------------------|
| STOT-single exposure   | May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified                  |
| Aspiration hazard      | : Not classified                  |

#### 11.2. Information on other hazards

No additional information available

### SECTION 12: Ecological information

#### 12.1. Toxicity

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

#### Troclosene sodium (2893-78-9)

|                      |           |
|----------------------|-----------|
| LC50 - Fish [1]      | 0.22 mg/l |
| LC50 - Fish [2]      | 0.28 mg/l |
| EC50 - Crustacea [1] | 0.2 mg/l  |

#### adipic acid (124-04-9)

|                      |         |
|----------------------|---------|
| EC50 - Crustacea [1] | 46 mg/l |
|----------------------|---------|

#### 12.2. Persistence and degradability

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
| Troclosene sodium (2893-78-9) |                    |
| Persistence and degradability | Rapidly degradable |
| adipic acid (124-04-9)        |                    |
| Persistence and degradability | Rapidly degradable |

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|  |   |
|--|---|
| Regional waste regulation                  | : Dispose of in accordance with relevant local regulations.                                   |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations.                     |
| European List of Waste (LoW, EC 2000/532)  | : 16 03 05* - organic wastes containing dangerous substances                                  |

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR   | IMDG  | IATA  |
|---|---|---|
| Special provision(s) applied : 375<br>NOT SUBJECT   | Special provision(s) applied : 969<br>NOT SUBJECT   | Special provision(s) applied : A197<br>NOT SUBJECT    |
| These substances when carried in single or combination packagings containing a net quantity per single or inner packaging of 5 l or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of the transport regulations provided the packagings meet the general provisions. |   |   |
| <b>14.1. UN number or ID number</b>   |   |   |
| UN 3077   | UN 3077   | UN 3077   |
| <b>14.2. UN proper shipping name</b>  |   |   |
| ENVIRONMENTALLY HAZARDOUS<br>SUBSTANCE, SOLID, N.O.S.   | ENVIRONMENTALLY HAZARDOUS<br>SUBSTANCE, SOLID, N.O.S.   | Environmentally hazardous substance, solid,<br>n.o.s. |
| <b>14.3. Transport hazard class(es)</b>   |   |   |
| 9   | 9   | 9   |
| <b>14.4. Packing group</b>  |   |   |
| III   | III   | III   |
| <b>14.5. Environmental hazards</b>  |   |   |
| Dangerous for the environment: Yes  | Dangerous for the environment: Yes<br>Marine pollutant: Yes<br>EmS-No. (Fire): F-A<br>EmS-No. (Spillage): S-F | Dangerous for the environment: Yes                    |
| Environmentally hazardous substances derogation applies (quantity of liquids $\leq$ 5 litres or net mass of solids $\leq$ 5 kg). The environmentally hazardous substance mark is therefore not required, as stated in the ADR regulation, section 5.2.1.8.1.  |   |   |
| No supplementary information available  |   |   |

### 14.6. Special precautions for user

#### Overland transport

|                           |                      |
|---------------------------|----------------------|
| Classification code (ADR) | : M7                 |
| Special provisions (ADR)  | : 274, 335, 375, 601 |
| Limited quantities (ADR)  | : 5kg                |

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|   |                           |
|---|---------------------------|
| Excepted quantities (ADR)   | : E1                      |
| Packing instructions (ADR)  | : P002, IBC08, LP02, R001 |
| Special packing provisions (ADR)  | : PP12, B3                |
| Mixed packing provisions (ADR)  | : MP10                    |
| Portable tank and bulk container instructions (ADR)                     | : T1, BK1, BK2, BK3       |
| Portable tank and bulk container special provisions (ADR)               | : TP33                    |
| Tank code (ADR)   | : SGAV, LGBV              |
| Vehicle for tank carriage   | : AT                      |
| Transport category (ADR)  | : 3                       |
| Special provisions for carriage - Packages (ADR)                        | : V13                     |
| Special provisions for carriage - Bulk (ADR)                            | : VC1, VC2                |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV13                    |
| Hazard identification number (Kemler No.)                               | : 90                      |
| Orange plates   | :                         |



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

### Transport by sea

|                                   |                                |
|-----------------------------------|--------------------------------|
| Special provisions (IMDG)         | : 274, 335, 375, 966, 967, 969 |
| Limited quantities (IMDG)         | : 5 kg                         |
| Excepted quantities (IMDG)        | : E1                           |
| Packing instructions (IMDG)       | : P002, LP02                   |
| Special packing provisions (IMDG) | : PP12                         |
| IBC packing instructions (IMDG)   | : IBC08                        |
| IBC special provisions (IMDG)     | : B3                           |
| Tank instructions (IMDG)          | : T1, BK1, BK2, BK3            |
| Tank special provisions (IMDG)    | : TP33                         |
| Stowage category (IMDG)           | : A                            |
| Stowage and handling (IMDG)       | : SW23                         |

### Air transport

|  |                               |
|--|-------------------------------|
| PCA Excepted quantities (IATA)               | : E1                          |
| PCA Limited quantities (IATA)                | : Y956                        |
| PCA limited quantity max net quantity (IATA) | : 30kgG                       |
| PCA packing instructions (IATA)              | : 956                         |
| PCA max net quantity (IATA)                  | : 400kg                       |
| CAO packing instructions (IATA)              | : 956                         |
| CAO max net quantity (IATA)                  | : 400kg                       |
| Special provisions (IATA)                    | : A97, A158, A179, A197, A215 |
| ERG code (IATA)                              | : 9L                          |

### 14.7. Maritime transport in bulk according to IMO instruments

|          |                   |
|----------|-------------------|
| IBC code | : Not applicable. |
|----------|-------------------|

## SECTION 15: Regulatory information

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

#### EU-Regulations

|  |   |
|--|---|
| Other information, restriction and prohibition regulations | : Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and all its amendments and modifications. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 and all its amendments and modifications. |
|--|---|

#### REACH Annex XVII (Restriction List)

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



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REACH Annex XIV (Authorisation List)

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

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

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)

POP Regulation (Persistent Organic Pollutants)

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

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (EU 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 (EC 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)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4  |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1                            |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1                          |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2  |
| Ox. Sol. 2                          | Oxidising Solids, Category 2   |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H272                                | May intensify fire; oxidiser.  |
| H302                                | Harmful if swallowed.  |
| H319                                | Causes serious eye irritation.   |
| H335                                | May cause respiratory irritation.  |
| H400                                | Very toxic to aquatic life.  |
| H410                                | Very toxic to aquatic life with long lasting effects.                                      |
| EUH031                              | Contact with acids liberates toxic gas.  |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |      |                    |
|---|------|--------------------|
| Acute Tox. 4 (Oral)   | H302 | Calculation method |

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| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |      |                    |
|---|------|--------------------|
| Eye Irrit. 2  | H319 | Calculation method |
| STOT SE 3   | H335 | Calculation method |
| Aquatic Acute 1   | H400 | Calculation method |
| Aquatic Chronic 1   | H410 | Calculation method |

Safety Data Sheet (SDS), EU

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.