A Sysmex Group Company

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 as amended by Commission Regulation (EU) 2020/878
and Regulation (EC) No. 1272/2008

**Issuing Date** 27-Feb-24 **Revision Date** 27-Feb-24 **Revision Number** 2

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

### 1.1. Product identifier

**Product Code(s)** CE-LP* *** / LP* *** / RU-LP* *** / MP****

**Product Name** CytoCell and myProbes Liquid FISH Probes

**Synonyms** None

**Pure substance/mixture** Mixture

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

**Recommended use** Laboratory chemicals
For professional use only

**Uses advised against** None known

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

**Supplier**
Cytocell Ltd., Oxford Gene Technology
418 Cambridge Science Park, Milton Road,
Cambridge
CB4 0PZ, United Kingdom
T: +44 (0)1223 294048
F: +44 (0)1223 294986
probes@cytocell.com
http://www.ogt.com

**For further information, please contact**
**E-mail address** probes@cytocell.com

### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1223 294048 (Monday - Friday, 9am - 5pm)

| **Emergency telephone - §45 - (EC)1272/2008** | |
|---|---|
| **Europe** | **112** |

## SECTION 2: Hazards identification

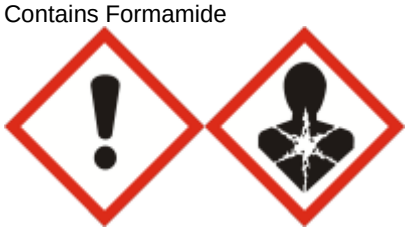
### 2.1. Classification of the substance or mixture

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

| | |
|---|---|
| **Skin corrosion/irritation** | Category 2 - (H315) |
| **Serious eye damage/eye irritation** | Category 2 - (H319) |
| **Reproductive toxicity** | Category 1B - (H360D) |

### 2.2. Label elements

Contains Formamide



**Signal word**
Danger

**Hazard statements**
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H360D - May damage the unborn child.

**Precautionary Statements - EU (§28, 1272/2008)**
P201 - Obtain special instructions before use.
P264 - Wash skin thoroughly after handling.
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.
P308 + P313 - IF exposed or concerned: Get medical advice/attention.
P501 - Dispose of contents/containers in accordance with local regulations.

### 2.3. Other hazards

The product does not contain any substance(s) classified as PBT or vPvB.

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

| Chemical name | Weight-% | REACH registration number | EC No (EU Index No) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|---|---|---|---|---|---|---|---|
| Formamide<br>75-12-7 | <70 | No data available | (616-052-00-8)<br>200-842-0 | Repr. 1B (H360D) | - | - | - |
| Dextran sulfate sodium<br>9011-18-1 | <20 | No data available | No information available | Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H335) | - | - | - |
| Sodium chloride | <1 | No data | 231-598-3 | [C] | - | - | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7647-14-5 | | available | | | | | |

*Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes*

*[C] - Components with occupational exposure limits and/or biological occupational exposure limits requiring monitoring*

**Full text of H- and EUH-phrases: see section 16**

***Acute Toxicity Estimate***

***If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components***

| Chemical name | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|---|---|---|---|---|---|
| Formamide<br>75-12-7 | 5577 | 6000 | 21.021 | No data available | No data available |
| Dextran sulfate sodium<br>9011-18-1 | 20600 | No data available | No data available | No data available | No data available |
| Sodium chloride<br>7647-14-5 | 3000 | 10010 | 10.5105 | No data available | No data available |

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

| Chemical name | CAS No. | SVHC candidates |
|---|---|---|
| Formamide | 75-12-7 | X |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General advice** Show this safety data sheet to the doctor in attendance.

**Inhalation** Remove person to fresh air and keep comfortable for breathing. Remove to fresh air. Get medical attention immediately if symptoms occur.

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

**Skin contact** Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.

**Self-protection of the first aider** Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

**Symptoms** Skin irritation. May cause redness and tearing of the eyes. Burning sensation.

**Effects of Exposure** Contains a known or suspected reproductive toxin. May damage the unborn child.

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

**Note to doctors** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Dry chemical, CO2, water spray or alcohol-resistant foam.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

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

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** Thermal decomposition can lead to release of irritating and toxic gases and vapours. Carbon oxides. Sodium oxides. Nitrogen oxides (NOx). Hydrogen cyanide. Ammonia.

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. See section 8 for more information. Avoid breathing vapours or mists. Do not touch or walk through spilled material.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

**Methods for cleaning up** Pick up and transfer to properly labelled containers. After cleaning, flush away traces with water. Wash thoroughly after handling.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information See section 13 for more information

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Wear personal protective equipment. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Take off contaminated clothing and wash it before reuse.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

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

**Storage Conditions** Keep away from Incompatible materials. Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Storage class (TRGS 510)** LGK 6.1C.

### 7.3. Specific end use(s)

**Specific use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits**

| Chemical name | European Union | Austria | Belgium | Bulgaria | Croatia |
|---|---|---|---|---|---|
| Formamide<br>75-12-7 | - | TWA: 9 ppm<br>TWA: 16 mg/m$^3$<br>STEL 18 ppm<br>STEL 32 mg/m$^3$<br>H* | TWA: 10 ppm<br>TWA: 18 mg/m$^3$<br>D* | STEL: 30.0 mg/m$^3$<br>TWA: 15.0 mg/m$^3$ | TWA: 20 ppm<br>TWA: 37 mg/m$^3$<br>STEL: 30 ppm<br>STEL: 56 mg/m$^3$ |
| Chemical name | Cyprus | Czech Republic | Denmark | Estonia | Finland |
| Formamide<br>75-12-7 | - | - | TWA: 10 ppm<br>TWA: 18 mg/m$^3$<br>H*<br>STEL: 20 ppm<br>STEL: 36 mg/m$^3$ | TWA: 10 ppm<br>TWA: 20 mg/m$^3$<br>STEL: 15 ppm<br>STEL: 30 mg/m$^3$<br>A* | TWA: 10 ppm<br>TWA: 19 mg/m$^3$<br>STEL: 20 ppm<br>STEL: 37 mg/m$^3$<br>iho* |
| Chemical name | France | Germany TRGS | Germany DFG | Greece | Hungary |
| Formamide<br>75-12-7 | TWA: 20 ppm<br>TWA: 30 mg/m$^3$ | - | * | TWA: 20 ppm<br>TWA: 30 mg/m$^3$<br>STEL: 30 ppm<br>STEL: 45 mg/m$^3$<br>* | - |
| Chemical name | Ireland | Italy MDLPS | Italy AIDII | Latvia | Lithuania |
| Formamide<br>75-12-7 | TWA: 10 ppm<br>TWA: 18 mg/m$^3$<br>STEL: 30 ppm<br>STEL: 54 mg/m$^3$ | - | TWA: 10 ppm<br>TWA: 18.4 mg/m$^3$<br>cute* | - | O*<br>TWA: 10 ppm<br>TWA: 20 mg/m$^3$<br>STEL: 15 ppm<br>STEL: 30 mg/m$^3$ |
| Sodium chloride<br>7647-14-5 | - | - | - | TWA: 5 mg/m$^3$ | TWA: 5 mg/m$^3$ |
| Chemical name | Luxembourg | Malta | Netherlands | Norway | Poland |
| Formamide<br>75-12-7 | - | - | - | TWA: 10 ppm<br>TWA: 18 mg/m$^3$<br>STEL: 20 ppm<br>STEL: 27 mg/m$^3$ | TWA: 23 mg/m$^3$<br>skóra* |

| | | | | | |
|---|---|---|---|---|---|
| | | | | H* | |
| Chemical name | Portugal | Romania | Slovakia | Slovenia | Spain |
| Formamide<br>75-12-7 | TWA: 10 ppm<br>Cutânea* | TWA: 11 ppm<br>TWA: 20 mg/m$^3$<br>STEL: 16 ppm<br>STEL: 30 mg/m$^3$ | - | - | TWA: 10 ppm<br>TWA: 19 mg/m$^3$<br>vía dérmica* |

| Chemical name | Sweden | Switzerland | United Kingdom |
|---|---|---|---|
| Formamide<br>75-12-7 | NGV: 10 ppm<br>NGV: 20 mg/m$^3$<br>Vägledande KGV: 15 ppm<br>Vägledande KGV: 30 mg/m$^3$<br>H* | TWA: 10 ppm<br>TWA: 18 mg/m$^3$<br>H* | TWA: 20 ppm<br>TWA: 37 mg/m$^3$<br>STEL: 30 ppm<br>STEL: 56 mg/m$^3$ |

**Biological occupational exposure limits**
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL) - Workers**

| Chemical name | Oral | Dermal | Inhalation |
|---|---|---|---|
| Formamide<br>75-12-7 | - | 0.952 mg/kg bw/day [4] [6] | 6.6 mg/m$^3$ [4] [6] |
| Sodium chloride<br>7647-14-5 | - | 295.52 mg/kg bw/day [4] [6]<br>295.52 mg/kg bw/day [4] [7] | 2068.62 mg/m$^3$ [4] [6]<br>2068.62 mg/m$^3$ [4] [7] |

**Notes**
**[4]** Systemic health effects.
**[6]** Long term.
**[7]** Short term.

**Derived No Effect Level (DNEL) - General Public**

| Chemical name | Oral | Dermal | Inhalation |
|---|---|---|---|
| Sodium chloride<br>7647-14-5 | 126.65 mg/kg bw/day [4] [6]<br>126.65 mg/kg bw/day [4] [7] | 126.65 mg/kg bw/day [4] [6]<br>126.65 mg/kg bw/day [4] [7] | 443.28 mg/m$^3$ [4] [6]<br>443.28 mg/m$^3$ [4] [7] |

**Notes**
**[4]** Systemic health effects.
**[6]** Long term.
**[7]** Short term.

**Predicted No Effect Concentration (PNEC)**

| Chemical name | Freshwater | Freshwater (intermittent release) | Marine water | Marine water (intermittent release) | Air |
|---|---|---|---|---|---|
| Formamide<br>75-12-7 | 0.5 mg/L | 5 mg/L | 0.5 mg/L | - | - |
| Sodium chloride<br>7647-14-5 | 5 mg/L | - | - | - | - |

| Chemical name | Freshwater sediment | Marine sediment | Sewage treatment | Soil | Food chain |
|---|---|---|---|---|---|
| Formamide | 1.26 mg/kg | - | 100 mg/L | 0.151 mg/kg soil dw | - |

| Chemical name | Freshwater sediment | Marine sediment | Sewage treatment | Soil | Food chain |
|---|---|---|---|---|---|
| 75-12-7 | sediment dw | | | | |
| Sodium chloride 7647-14-5 | - | - | 500 mg/L | 4.86 mg/kg soil dw | - |

### 8.2. Exposure controls

**Engineering controls**
Showers
Eyewash stations
Ventilation systems.

**Personal protective equipment**

**Eye/face protection**
If splashes are likely to occur, wear safety glasses with side-shields. Eye protection must conform to standard EN 166.

**Hand protection**
Wear suitable gloves. Impervious gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374.

**Skin and body protection**
Wear suitable protective clothing. Long sleeved clothing.

**Respiratory protection**
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**
Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

**Environmental exposure controls**
No information available.

## SECTION 9: Physical and chemical properties

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

**Appearance**
**Physical state** Liquid
**Colour** Varies
**Odour** Odourless
**Odour threshold** No information available

| Property | Values | Remarks • Method |
|---|---|---|
| **Melting point / freezing point** | | No data available |
| **Initial boiling point and boiling range** | | No data available |
| **Flammability** | | Not applicable |
| **Flammability Limit in Air** | | |
| **Upper flammability or explosive limits** | | Not applicable |
| **Lower flammability or explosive limits** | | Not applicable |
| **Flash point** | 154 °C | |
| **Autoignition temperature** | | No data available |
| **Decomposition temperature** | | No data available |
| **pH** | | Not applicable |
| **pH (as aqueous solution)** | | No data available |

| | |
|---|---|
| **Kinematic viscosity** | No data available |
| **Dynamic viscosity** | No data available |
| **Water solubility** | No data available |
| **Solubility(ies)** | No data available |
| **Partition coefficient** | No data available |
| **Vapour pressure** | No data available |
| **Relative density** | No data available |
| **Bulk density** | No data available |
| **Liquid Density** | No data available |
| **Relative vapour density** | No data available |
| **Particle characteristics** | |
| **Particle Size** | No data available |
| **Particle Size Distribution** | No data available |

**9.2. Other information**

***9.2.1. Information with regards to physical hazard classes***
Not applicable

***9.2.2. Other safety characteristics***
No information available

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

**Reactivity** None under normal use conditions.

**10.2. Chemical stability**

**Stability** Stable under normal conditions.

**Explosion data**
**Sensitivity to mechanical impact** None.
**Sensitivity to static discharge** None.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** None under normal processing.

**10.4. Conditions to avoid**

**Conditions to avoid** Extremes of temperature and direct sunlight.

**10.5. Incompatible materials**

**Incompatible materials** Strong acids. Strong bases. Strong oxidising agents. Metals. Sulphur trioxide.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** Carbon oxides. Nitrogen oxides (NOx). Silicon oxides. Hydrogen cyanide. Ammonia.

## SECTION 11: Toxicological information

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

**Information on likely routes of exposure**

**Product Information**

**Inhalation** Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

**Eye contact** Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

**Skin contact** Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Skin irritation. Redness. May cause redness and tearing of the eyes.

**Acute toxicity**

**Numerical measures of toxicity**

Based on available data, the classification criteria are not met.

**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Formamide | = 5577 mg/kg ( Rat ) | = 6 g/kg ( Rabbit ) | > 21 mg/L ( Rat ) 4 h |
| Dextran sulfate sodium | = 20600 mg/kg ( Rat ) | - | - |
| Sodium chloride | = 3 g/kg ( Rat ) | > 10000 mg/kg ( Rabbit ) | > 42 mg/L ( Rat ) 1 h |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes skin irritation.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes serious eye irritation.

**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.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Classification based on data available for ingredients. May damage the unborn child.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

| Chemical name | European Union |
|---|---|
| Formamide | Repr. 1B |

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Target organ effects** Respiratory system. Eyes. Skin. Central nervous system. Reproductive system.

**Aspiration hazard** Based on available data, the classification criteria are not met.

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

#### 11.2.2. Other information

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Not considered to be harmful to aquatic life.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|---|---|---|---|
| Formamide<br>75-12-7 | EC50: >500mg/L (72h, Desmodesmus subspicatus)<br>EC50: >500mg/L (96h, Desmodesmus subspicatus) | LC50: =9135mg/L (96h, Brachydanio rerio) | - | EC50: >500mg/L (48h, Daphnia magna) |
| Sodium chloride<br>7647-14-5 | - | LC50: 5560 - 6080mg/L (96h, Lepomis macrochirus)<br>LC50: =12946mg/L (96h, Lepomis macrochirus)<br>LC50: 6020 - 7070mg/L (96h, Pimephales promelas)<br>LC50: =7050mg/L (96h, Pimephales promelas)<br>LC50: 6420 - 6700mg/L (96h, Pimephales promelas)<br>LC50: 4747 - 7824mg/L (96h, Oncorhynchus mykiss) | - | EC50: =1000mg/L (48h, Daphnia magna)<br>EC50: 340.7 - 469.2mg/L (48h, Daphnia magna) |

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

### 12.3. Bioaccumulative potential

**Bioaccumulation**

**Component Information**

| Chemical name | Partition coefficient |
|---|---|
| Formamide | -0.82 |

### 12.4. Mobility in soil

**Mobility in soil** No information available.

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** The product does not contain any substance(s) classified as PBT or vPvB.

| Chemical name | PBT and vPvB assessment |
|---|---|
| Formamide<br>75-12-7 | The substance is not PBT / vPvB |
| Sodium chloride<br>7647-14-5 | The substance is not PBT / vPvB |

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

### 12.7. Other adverse effects

**Other adverse effects** No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**Waste codes / waste designations according to EWC / AVV** According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

**IMDG** Not regulated
**14.1 UN number or ID number** Not regulated
**14.2 UN proper shipping name** Not regulated
**14.3 Transport hazard class(es)** Not regulated
**14.4 Packing group** Not applicable
**14.5 Environmental hazards** Not applicable
**14.6 Special Precautions for Users**
**Special Provisions** None
**14.7 Maritime transport in bulk according to IMO instruments** No information available

**RID** Not regulated
**14.1 UN number** Not regulated
**14.2 UN proper shipping name** Not regulated
**14.3 Transport hazard class(es)** Not regulated
**14.4 Packing group** Not applicable
**14.5 Environmental hazards** Not applicable
**14.6 Special Precautions for Users**

**Special Provisions** None

**ADR** Not regulated
**14.1 UN number or ID number** Not regulated
**14.2 UN proper shipping name** Not regulated
**14.3 Transport hazard class(es)** Not regulated
**14.4 Packing group** Not applicable
**14.5 Environmental hazards** Not applicable
**14.6 Special Precautions for Users**
**Special Provisions** None

**IATA** Not regulated
**14.1 UN number or ID number** Not regulated
**14.2 UN proper shipping name** Not regulated
**14.3 Transport hazard class(es)** Not regulated
**14.4 Packing group** Not applicable
**14.5 Environmental hazards** Not applicable
**14.6 Special Precautions for Users**
**Special Provisions** None
**Note:** None

## SECTION 15: Regulatory information

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

**National regulations**

**France**
**Occupational Illnesses (R-463-3, France)**

| Chemical name | French RG number |
|---|---|
| Sodium chloride<br>7647-14-5 | RG 78 |

**Netherlands**

**Carcinogenic, mutagenic and reproductive toxic effects**

| Chemical name | Netherlands - List of Carcinogens | Netherlands - List of Mutagens | Netherlands - List of Reproductive Toxins |
|---|---|---|---|
| Formamide | - | - | Development Category 1B |

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorisations and/or restrictions on use:**
This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

| Chemical name | Restricted substance per REACH Annex XVII | Substance subject to authorisation per REACH Annex XIV |
|---|---|---|
| Formamide - 75-12-7 | 30.<br>75. | - |

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**
Not applicable

**EU - Plant Protection Products (1107/2009/EC)**

| Chemical name | EU - Plant Protection Products (1107/2009/EC) |
|---|---|
| Sodium chloride - 7647-14-5 | Plant protection agent |

**Biocidal Products Regulation (EU) No 528/2012 (BPR)**

| Chemical name | Biocidal Products Regulation (EU) No 528/2012 (BPR) |
|---|---|
| Sodium chloride - 7647-14-5 | Product-type 1: Human hygiene |

**International Inventories**
Contact supplier for inventory compliance status

**15.2. Chemical safety assessment**

**Chemical Safety Report** No information available

## SECTION 16: Other information

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Full text of H-Statements referred to under section 3**
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H360D - May damage the unborn child

**Legend**
ATE: Acute Toxicity Estimate
SVHC: Substances of Very High Concern for Authorisation:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

**Legend Section 8: Exposure controls/personal protection**

| | | | |
|---|---|---|---|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | * | Skin designation |
| SCBA | Self-contained breathing apparatus | | |

| Classification procedure | |
|---|---|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used |
| Acute oral toxicity | Calculation method |
| Acute dermal toxicity | Calculation method |
| Acute inhalation toxicity - gas | Calculation method |
| Acute inhalation toxicity - vapour | Calculation method |
| Acute inhalation toxicity - dust/mist | Calculation method |
| Skin corrosion/irritation | Calculation method |
| Serious eye damage/eye irritation | Calculation method |
| Respiratory sensitisation | Calculation method |
| Skin sensitisation | Calculation method |

| | |
|---|---|
| Mutagenicity | Calculation method |
| Carcinogenicity | Calculation method |
| STOT - single exposure | Calculation method |
| STOT - repeated exposure | Calculation method |
| Acute aquatic toxicity | Calculation method |
| Chronic aquatic toxicity | Calculation method |
| Aspiration hazard | Calculation method |
| Ozone | Calculation method |

**Key literature references and sources for data used to compile the SDS**
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine’s PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

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**This safety data sheet complies with the requirements of Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006**

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**End of Safety Data Sheet**