

**Into Spray**
**Section: 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**
**1.1 Product identifier**

Product name : Into Spray

Product code : 111301E

Substance type: : Mixture

**For professional users only.**

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

Identified uses : Sanitary cleaner. Spray and wipe manual process

Recommended restrictions on use : Reserved for industrial and professional use.

**1.3 Details of the supplier of the safety data sheet**

Company : Ecolab Export GmbH Ecolab-Allee 1 40789 Monheim am Rhein,  
Germany +49 2173 599 1127  
DEDUSEXPServices@ecolab.com

**1.4 Emergency telephone number**

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**Section: 2. HAZARDS IDENTIFICATION**
**2.1 Classification of the substance or mixture**
**Classification (REGULATION (EC) No 1272/2008)**

Eye irritation, Category 2 H319

The classification of this product is based on toxicological assessment.

**2.2 Label elements**
**Labelling (REGULATION (EC) No 1272/2008)**

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H319 Causes serious eye irritation.

Precautionary Statements : **Prevention:**  
P280e Wear eye protection/face protection.

**Into Spray****2.3 Other hazards**

Do not mix with bleach or other chlorinated products – will cause chlorine gas.

**Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Hazardous components**

| Chemical Name  | CAS-No.<br>EC-No.<br>REACH No.             | Classification<br>(REGULATION (EC) No 1272/2008)                                                                 | Concentration<br>: [%] |
|----------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------|
| sulphamic acid | 5329-14-6<br>226-218-8<br>01-2119488633-28 | Skin irritation Category 2; H315<br>Eye irritation Category 2; H319<br>Chronic aquatic toxicity Category 3; H412 | >= 1 - < 2.5           |

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Section: 4. FIRST AID MEASURES****4.1 Description of first aid measures**

- In case of 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. Get medical attention.
- In case of skin contact : Rinse with plenty of water.
- If swallowed : Rinse mouth. Get medical attention if symptoms occur.
- If inhaled : Get medical attention if symptoms occur.

**4.2 Most important symptoms and effects, both acute and delayed**

See Section 11 for more detailed information on health effects and symptoms.

**4.3 Indication of immediate medical attention and special treatment needed**

- Treatment : Treat symptomatically.

**Section: 5. FIREFIGHTING MEASURES****5.1 Extinguishing media**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : None known.

**5.2 Special hazards arising from the substance or mixture**

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Specific hazards during firefighting : Not flammable or combustible.

Hazardous combustion products : Not applicable.

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Use personal protective equipment.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

## Section: 6. ACCIDENTAL RELEASE MEASURES

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

Advice for non-emergency personnel : Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Advice for emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

### 6.2 Environmental precautions

Environmental precautions : Do not allow contact with soil, surface or ground water.

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

Methods for cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

### 6.4 Reference to other sections

See Section 1 for emergency contact information.  
For personal protection see section 8.  
See Section 13 for additional waste treatment information.

## Section: 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with skin and eyes. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not mix with bleach or other chlorinated products – will cause chlorine gas. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE).

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after

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handling.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Keep away from strong bases. Keep out of reach of children.  
Keep container tightly closed. Store in suitable labeled containers.

**7.3 Specific end uses**

Specific use(s) : Sanitary cleaner. Spray and wipe manual process

**Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**Occupational Exposure Limits**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

**Appropriate engineering controls**

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures**

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.

Eye/face protection (EN 166) : Safety glasses with side-shields

Hand protection (EN 374) : No special protective equipment required.

Skin and body protection (EN 14605) : No special protective equipment required.

Respiratory protection (EN 143, 14387) : None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements(89/656/EEC, (EU) 2016/425), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

**Environmental exposure controls**

General advice : Consider the provision of containment around storage vessels.

**Section: 9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

Physical state : liquid

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|                                                        |                                                        |
|--------------------------------------------------------|--------------------------------------------------------|
| Colour                                                 | : light red                                            |
| Odour                                                  | : Perfumes, fragrances                                 |
| pH                                                     | : 1 - 1.9                                              |
| Particle characteristics                               |                                                        |
| Assessment                                             | : not applicable                                       |
| Particle size                                          | : not applicable                                       |
| Particle Size Distribution                             | : not applicable                                       |
| Dustiness                                              | : not applicable                                       |
| Specific surface area                                  | : not applicable                                       |
| Surface charge/Zeta potential                          | : not applicable                                       |
| Shape                                                  | : not applicable                                       |
| Crystallinity                                          | : not applicable                                       |
| Surface treatment /Coatings                            | : not applicable                                       |
| Flash point                                            | : Not applicable and/or not determined for the mixture |
| Odour Threshold                                        | : Not applicable and/or not determined for the mixture |
| Melting point/freezing point                           | : Not applicable and/or not determined for the mixture |
| Boiling point, initial boiling point and boiling range | : Not applicable and/or not determined for the mixture |
| Evaporation rate                                       | : Not applicable and/or not determined for the mixture |
| Flammability                                           | : Not applicable and/or not determined for the mixture |
| Upper explosion limit                                  | : Not applicable and/or not determined for the mixture |
| Lower explosion limit                                  | : Not applicable and/or not determined for the mixture |
| Vapour pressure                                        | : Not applicable and/or not determined for the mixture |
| Relative vapour density                                | : Not applicable and/or not determined for the mixture |
| Density and / or relative density                      | : 0.9 - 1.2                                            |
| Water solubility                                       | : Not applicable and/or not determined for the mixture |
| Solubility in other solvents                           | : Not applicable and/or not determined for the mixture |
| Partition coefficient: n-octanol/water (log value)     | : Not applicable and/or not determined for the mixture |
| Auto-ignition temperature                              | : Not applicable and/or not determined for the mixture |
| Thermal decomposition                                  | : Not applicable and/or not determined for the mixture |
| Viscosity, kinematic                                   | : Not applicable and/or not determined for the mixture |
| Explosive properties                                   | : Not applicable and/or not determined for the mixture |
| Oxidizing properties                                   | : Not applicable and/or not determined for the mixture |

**9.2 Other information**

Not applicable and/or not determined for the mixture

**Section: 10. STABILITY AND REACTIVITY**

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**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Do not mix with bleach or other chlorinated products – will cause chlorine gas.

**10.4 Conditions to avoid**

None known.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

Not applicable.

**Section: 11. TOXICOLOGICAL INFORMATION**

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

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

**Product**

Acute oral toxicity : There is no data available for this product.

Acute inhalation toxicity : There is no data available for this product.

Acute dermal toxicity : There is no data available for this product.

Skin corrosion/irritation : There is no data available for this product.

Serious eye damage/eye irritation : There is no data available for this product.

Respiratory or skin sensitization : There is no data available for this product.

Carcinogenicity : There is no data available for this product.

Reproductive effects : There is no data available for this product.

Germ cell mutagenicity : There is no data available for this product.

Teratogenicity : There is no data available for this product.

STOT - single exposure : There is no data available for this product.

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STOT - repeated exposure : There is no data available for this product.

Aspiration toxicity : There is no data available for this product.

### Components

Acute oral toxicity : sulphamic acid  
LD50 rat: 3,160 mg/kg

Acute dermal toxicity : sulphamic acid  
LD50 rat: > 2,000 mg/kg

### Potential Health Effects

Eyes : Causes serious eye irritation.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

### Experience with human exposure

Eye contact : Redness, Pain, Irritation

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

## 11.2 Information on other hazards

Further information : no data available

## Section: 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Environmental Effects : This product has no known ecotoxicological effects.

#### Product

Toxicity to fish : no data available

Toxicity to daphnia and other aquatic invertebrates : no data available

Toxicity to algae : no data available

#### Components

Toxicity to algae : sulphamic acid  
72 h EC50: 48 mg/l

### 12.2 Persistence and degradability

#### Product

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no data available

### Components

Biodegradability : sulphamic acid  
Result: Not applicable - inorganic

### 12.3 Bioaccumulative potential

no data available

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

#### Product

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher

### 12.7 Other adverse effects

no data available

## Section: 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with the European Directives on waste and hazardous waste. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

### 13.1 Waste treatment methods

Product : Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of contents/container in accordance with local regulations. Dispose of wastes in an approved waste disposal facility.

Contaminated packaging : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Dispose of in accordance with local, state, and federal regulations.

Guidance for Waste Code : Inorganic wastes containing dangerous substances. If this product is used in any further processes, the final user must redefine and assign the most appropriate European Waste Catalogue Code. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable European (EU Directive 2008/98/EC) and local regulations.

**Into Spray****Section: 14. TRANSPORT INFORMATION**

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**Land transport (ADR/ADN/RID)**

|                                   |                       |
|-----------------------------------|-----------------------|
| 14.1 UN number or ID number       | : Not dangerous goods |
| 14.2 UN proper shipping name      | : Not dangerous goods |
| 14.3 Transport hazard class(es)   | : Not dangerous goods |
| 14.4 Packing group                | : Not dangerous goods |
| 14.5 Environmental hazards        | : Not dangerous goods |
| 14.6 Special precautions for user | : Not dangerous goods |

**Air transport (IATA)**

|                                   |                       |
|-----------------------------------|-----------------------|
| 14.1 UN number or ID number       | : Not dangerous goods |
| 14.2 UN proper shipping name      | : Not dangerous goods |
| 14.3 Transport hazard class(es)   | : Not dangerous goods |
| 14.4 Packing group                | : Not dangerous goods |
| 14.5 Environmental hazards        | : Not dangerous goods |
| 14.6 Special precautions for user | : Not dangerous goods |

**Sea transport (IMDG/IMO)**

|                                                              |                       |
|--------------------------------------------------------------|-----------------------|
| 14.1 UN number or ID number                                  | : Not dangerous goods |
| 14.2 UN proper shipping name                                 | : Not dangerous goods |
| 14.3 Transport hazard class(es)                              | : Not dangerous goods |
| 14.4 Packing group                                           | : Not dangerous goods |
| 14.5 Environmental hazards                                   | : Not dangerous goods |
| 14.6 Special precautions for user                            | : Not dangerous goods |
| 14.7 Maritime transport in bulk according to IMO instruments | : Not dangerous goods |

**Section: 15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

|                                                                                                                                                         |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. | : Not applicable. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|

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Candidate List of Substances : Not applicable.  
of Very High Concern for  
Authorisation

**National Regulations**

**Take note of Dir 94/33/EC on the protection of young people at work.**

Hazard class for water : WGK 2  
Classification according to AwSV, Annex 1

German storage class : 12

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out on the product.

**Section: 16. OTHER INFORMATION****Procedure used to derive the classification according to REGULATION (EC) No 1272/2008**

| Classification         | Justification                       |
|------------------------|-------------------------------------|
| Eye irritation 2, H319 | Based on product data or assessment |

**Full text of H-Statements**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**Full text of other abbreviations**

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; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC)

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No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Prepared by : Regulatory Affairs

Numbers quoted in the MSDS are given in the format: 1,000,000 = 1 million and 1,000 = 1 thousand. 0.1 = 1 tenth and 0.001 = 1 thousandth

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Annex: Exposure Scenarios**