
SECTION 1. Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Catalogue No.: 515.1923
- Product name: Sodium hydrogen carbonate LQ

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

Identified uses Reagent for analysis
For additional information on uses please refer to www.kstools.com.

1.3 Details of the supplier of the safety data sheet

Company
KS TOOLS Werkzeuge-Maschinen GmbH
Seligenstädter Grund 10 - 12
63150 Heusenstamm
Tel.: 06104 4974-0
Fax: 06104 4974-11
Mail: info@kstools.de

1.4 Emergency telephone number

Please contact the regional company representation in your country.

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

This substance is not classified as dangerous according to European Union legislation.

2.2 Label elements

- Labelling (REGULATION (EC) No 1272/2008)
- Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

None known.

SECTION 3. Composition/information on ingredients**3.1 Substance**

Formula	NaHCO ₃	CHNaO ₃ (Hill)
EC-No.	205-633-8	
Molar mass	84,01 g/mol	
Remarks	No disclosure requirement according to Regulation (EC) No. 1907/2006	

SECTION 4. First aid measures**4.1 Description of first aid measures**

- After inhalation: fresh air.
 - In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.
 - After eye contact: rinse out with plenty of water. Remove contact lenses.
 - After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.
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SECTION 11. Toxicological information

11.1 Information on toxicological effects

- Acute oral toxicity: LD50 Rat: 4.000 mg/kg (RTECS)
- Symptoms: After uptake of large quantities:, Nausea, Vomiting
- Acute inhalation toxicity
- Symptoms: slight mucosal irritations
- Acute dermal toxicity
- This information is not available.
- Skin irritation
- Rabbit
- Result: slight irritation (External MSDS)
- Eye irritation
- Rabbit
- Result: slight irritation (External MSDS)
- Sensitisation
- This information is not available.
- Germ cell mutagenicity
- Genotoxicity in vitro
- Ames test
- Result: negative (IUCLID)
- Carcinogenicity
- This information is not available.
- Reproductive toxicity
- This information is not available.
- Teratogenicity
- Did not show teratogenic effects in animal experiments. (IUCLID)
- Specific target organ toxicity - single exposure
- This information is not available.
- Specific target organ toxicity - repeated exposure
- This information is not available.
- Aspiration hazard
- This information is not available.

SECTION 12. Ecological information

12.1 Toxicity

- Toxicity to fish:
- LC50 *Gambusia affinis* (Mosquito fish): 7.700 mg/l; 96 h (IUCLID)
- Toxicity to daphnia and other aquatic invertebrates
- EC50 *Daphnia magna* (Water flea): 4.100 mg/l; 48 h (IUCLID)
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Substances of very high concern (SVHC)

- This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of $\geq 0.1\%$ (w/w).

National legislation

- Storage class: 10 - 13

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out.

ABSCHNITT 16: Other information

The information is based on the current state of our knowledge, however, it does not represent a guarantee of product characteristics and does not establish a contractual legal relationship.

Division issuing the data sheet:

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63150 Heusenstamm

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Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

LEV: Local Exhaust Ventilation

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

NOAEL: No Observed Adverse Effect Level

ISO: International Organisation for Standardisation

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

SVHC: Substance of Very High Concern
