

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** KCL-PRO**Synonyms:** KCL STORAGE SOLUTION**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC21: Laboratory chemicals.**1.3. Details of the supplier of the safety data sheet****Company name:** Grow In AG

Wallenroder Str. 7-9

13435 Berlin

Germany

Tel: +49 (0)30 208980-800**Email:** info@growin.de**1.4. Emergency telephone number****Emergency tel:** Grow In AG:

+49 (0)30 208980-800 (office hours only)

National Poisons Information Service:

www.bvl.bund.de

Section 2: Hazards identification**2.1. Classification of the substance or mixture****Classification under CLP:** This product has no classification under CLP.**2.2. Label elements****Label elements:** This product has no label elements.**2.3. Other hazards****PBT:** This product is not identified as a PBT/vPvB substance.**Section 3: Composition/information on ingredients****3.2. Mixtures**

Non-classified ingredients:

POTASSIUM CHLORIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-211-8	7447-40-7	-	-	22.000%

Section 4: First aid measures**4.1. Description of first aid measures****Skin contact:** Wash immediately with plenty of soap and water.**Eye contact:** Bathe the eye with running water for 15 minutes.**Ingestion:** Wash out mouth with water.**Inhalation:** Consult a doctor.**4.2. Most important symptoms and effects, both acute and delayed****Skin contact:** There may be mild irritation at the site of contact.**Eye contact:** There may be irritation and redness.**Ingestion:** There may be irritation of the throat.**Inhalation:** No symptoms.**Delayed / immediate effects:** Not applicable.**4.3. Indication of any immediate medical attention and special treatment needed****Immediate / special treatment:** Not applicable.**Section 5: Fire-fighting measures****5.1. Extinguishing media****Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.**5.2. Special hazards arising from the substance or mixture****Exposure hazards:** In combustion emits toxic fumes.**5.3. Advice for fire-fighters****Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.**Section 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.**6.2. Environmental precautions****Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage**7.1. Precautions for safe handling**

Handling requirements: Not applicable.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC21: Laboratory chemicals.

Section 8: Exposure controls/personal protection**8.1. Control parameters**

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Not applicable.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State: Liquid

Colour: Colourless

Odour: Odourless

Evaporation rate: No data available.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions

Also soluble in: Most organic solvents.

Viscosity: Non-viscous**Boiling point/range°C:** No data available.**Melting point/range°C:** No data available.**Flammability limits %: lower:** Not applicable.**upper:** Not applicable.**Flash point°C:** >93**Part.coeff. n-octanol/water:** Not applicable.**Autoflammability°C:** No data available.**Vapour pressure:** Not applicable.**Relative density:** 1.124**pH:** Approx. 7**VOC g/l:** Not applicable.**9.2. Other information****Other information:** No data available.**Section 10: Stability and reactivity****10.1. Reactivity****Reactivity:** Stable under recommended transport or storage conditions.**10.2. Chemical stability****Chemical stability:** Stable under normal conditions.**10.3. Possibility of hazardous reactions****Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid**Conditions to avoid:** Heat.**10.5. Incompatible materials****Materials to avoid:** Strong oxidising agents. Strong acids.**10.6. Hazardous decomposition products****Haz. decomp. products:** In combustion emits toxic fumes.**Section 11: Toxicological information****11.1. Information on toxicological effects****Toxicity values:** No data available.**Symptoms / routes of exposure****Skin contact:** There may be mild irritation at the site of contact.**Eye contact:** There may be irritation and redness.**Ingestion:** There may be irritation of the throat.**Inhalation:** No symptoms.**Delayed / immediate effects:** Not applicable.**Section 12: Ecological information**

12.1. Toxicity**Hazardous ingredients:****POTASSIUM CHLORIDE**

Daphnia magna	48H EC50	440	mg/l
FISH	96H LC50	880	mg/l

Ecotoxicity values: No data available.**12.2. Persistence and degradability****Persistence and degradability:** Biodegradable.**12.3. Bioaccumulative potential****Bioaccumulative potential:** No bioaccumulation potential.**12.4. Mobility in soil****Mobility:** Readily absorbed into soil.**12.5. Results of PBT and vPvB assessment****PBT identification:** This product is not identified as a PBT/vPvB substance.**12.6. Other adverse effects****Other adverse effects:** Negligible ecotoxicity.**Section 13: Disposal considerations****13.1. Waste treatment methods****Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.**Recovery operations:** Not applicable.**Disposal of packaging:** Clean with water. May be reused following decontamination.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**Section 14: Transport information****Transport class:** This product does not require a classification for transport.**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Specific regulations:** Not applicable.**15.2. Chemical Safety Assessment****Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.



SAFETY DATA SHEET

GIB Industries KCL-PRO

Page: 6

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.