

POTASSIUM LACTATE 50%

SECTION 1: PRODUCT IDENTIFICATION

Product Name: POTASSIUM LACTATE 50%
Product Code: 3200
CAS#: 996-31-6
CI#: Not available
Synonym: L-Lactic acid potassium salt
Chemical Name: Not available
Chemical Formula: C₃H₆KO₃
Formula Weight: 128.17

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition:
PHOSPHORIC ACID
Toxicological Data on Ingredients: Not available

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture: Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008
Other hazards: Not available

SECTION 4: FIRST AID MEASURES

Description of first aid measures:
If inhaled If breathed in: If breathed in, move person into fresh air. If not breathing, give artificial respiration
In case of skin contact: Wash off with soap and plenty of water
In case of eye contact: After eye contact: rinse out with plenty of water. Immediately call in ophthalmologist. Remove contact lenses.
If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water
Most important symptoms and effects, both acute and delay: No data available
Indication of any immediate medical attention and special treatment needed: Not available

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media
Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture: Carbon oxides & Potassium oxides
Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Avoid breathing vapors, mist or gas. For personal protection
Environmental precautions: Do not let product enter drains.
Methods and materials for containment and cleaning up: Keep in suitable, closed containers for disposal

SECTION 7: HANDLING AND STORAGE



Precautions for safe handling: Not available

Conditions for safe storage, including any incompatibilities:

Storage conditions: Keep container tightly closed in a dry and well-ventilated

Storage class: Storage class (TRGS 510): 12: Non Combustible Liquids

Specific end use(s) apart from the uses: No other specific uses are stipulated

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls.

Personal protective equipment

Eye/face protection Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Do not let product enter drains

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance Form	: clear, liquid
Odour	: colorless
Taste	: Not available
Molecular Weight	: Not available
Colour	: White
pH	: 6.5 – 8.5
Boiling Point	: Not available
Melting Point	: Not available
Critical Temperature	: Not available
Density	: 1,333 g/cm ³
Relative Density	: Not available
Vapor Pressure	: Not available
Vapor Density	: Not available
Volatility	: Not Available
Odor Threshold	: Not Available
Water/Oil Dist. Coeff.	: Not Available
Ionicity (in Water)	: Not Available
Dispersion Properties	: Not Available
Water Solubility	: Not available
Partition coefficient	: Not Available
Auto-ignition temperature	: Not Available

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity: Not available

Chemical stability: The product is stable under recommended storage conditions

Possibility of hazardous reactions: Not available

Conditions to avoid: Not available



Incompatible materials: Not available

Hazardous decomposition products Other decomposition products: Not available

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Acute toxicity

Oral: No data available

Inhalation: Not available

Dermal: Not available

Skin corrosion/irritation: Not available

Serious eye damage/eye irritation: Not available

Respiratory or skin sensitization: Not available

Carcinogenicity: Not available

Reproductive toxicity: Not available

Specific target organ toxicity: Not available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:

Mixture: Not available

Persistence and degradability: Not available

Bio accumulative potential: Not available

Mobility in soil: Not available

Results of PBT and vPvB assessment PBT/vPvB assessment: Not available

Other adverse effects: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging Dispose of as unused product

SECTION 14: TRANSPORT INFORMATION

UN number

ADR/RID:

IMDG:

IATA:

UN proper shipping name

ADR/RID: Not dangerous

IMDG: Not dangerous

IATA: Not dangerous

Transport hazard class(es)

ADR/RID:

IMDG:

IATA:

Packaging group

ADR/RID:

IMDG:

IATA:

Environmental hazards

ADR/RID: No

IMDG Marine pollutant: No

IATA: No

Special precautions for user

No data available

SECTION 15: OTHER REGULATORY INFORMATION



Regulatory information This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006
Chemical Safety Assessment For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION

References: Not available

Other Special Considerations: Not available

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