

Safety Data Sheet

1	<p>Product Name</p> <p>Product Code</p> <p>Product Type</p> <p>Manufacturer identification</p>	<p><u>LX 2025</u></p> <p><u>30505 - 30506 - 30507 - 30508</u></p> <p>› Alkaline cleaner for industrial use CTEC BVBA Hagelberg 15 2250 OLEN</p> <p>Tel. +32 14 86 16 13 Fax. +32 14 86 16 17 E-mail info@ctec.be www.ctec-chemicals.com</p>
2	<p>Hazards identification</p> <p>2.1. Classification of the substance or mixture:</p> <p>2.2. Label elements:</p>	<p>Causes skin irritation WARNING</p> <p>Causes serious eye irritation WARNING</p> <p>Signal words: WARNING</p> <p>GHS07</p>  <p>H315 Causes skin irritation H319 Causes serious eye irritation</p> <p>Precautions</p> <p>P260 Do not inhale dust/fume/gas/mist/vapors/spray mist. P280 Wear protective gloves/protective clothing/ eye protection/face protection P301 + P330 + P331 AFTER SWALLOWING: rinse mouth – DO NOT induce vomiting P303 + P361 + P353 IF ON SKIN (or hair): take off immediately contaminated clothing. Rinse skin with water (shower). P305 + P351 + P338 IF IN EYES: rinse cautiously with water for several minutes; remove contact lenses if possible; continue rinsing P332 + P313 If skin irritation: consult a doctor.</p> <p>PBT This substance is not identified as a PBT substance.</p>

3	Composition and information on hazardous ingredients	Weight %	Information:
* Sodium hydroxide, solution	< 0,5 %	<p>Information:</p> <p>CAS no. 1310-73-2 EINECS 215-185-5 EC annex no. 011-002-00-6 REACH Reg. no. 014-2119457892-27 CLP Classification Met. Corr. 1;H290; Skin. Corr. 1A;H314 Icon GHS05 H-phrases H290; H314 Symbol C R-phrases R35</p>	
* Detergent C9-11 ethoxylate	< 3 %	<p>CAS no. 160875-66-1 EINECS POLYMER EC annex no. REACH Reg. no. CLP Classification Eye. Dam. Cat 1 Icon GHS05 H-phrases H318 Symbol Xi R-phrases R41</p>	
* Monoethanolamine	< 3 %	<p>CAS no. 141-43-5 EINECS 205-483-3 EC annex no. REACH Reg. no. 01-2119486455-28-XXXX CLP Classification Acute Tox.4; Acute Tox.4; Skin Corr. 1B; Acute Tox.4; STOT SE3; Aquatic Chronic 3 Icon GHS05-GHS07 H-phrases H312;H302;H314;H332;H335;H412 Symbol C R-phrases 20/21/22-34-37</p>	

4	First Aid Measures	Eye contact	Skin contact	Swallow	Inhalation of aerosol or vapor in high concentrations
		If present, remove contact lenses. Rinse the eyes long enough (at least 15 minutes) with lukewarm water. If irritation persists, consult a(n) (eye) doctor. (If possible, continue rinsing).	In case of contact wash with soap and water. Remove one's contaminated clothes, rinse skin with plenty of water or shower. First wash clothing before using them again.	Rinse mouth with water and drink two glasses of water. (Never give an unconscious person to drink because of danger of suffocation.) Loosen tight clothing such as collar, tie or belt. Consult a doctor immediately.	Bring the person outside (fresh air), keep warm and let rest. If irritation persists, consult a doctor.

5	Fire Fighting Measures	Suitable fire extinguishers Unusual fire hazards Protection of firefighters	<ul style="list-style-type: none"> › Product is not combustible, all extinguishing agents are allowed as including CO₂, foam, powder, at larger fires also water spray. › Not classified as flammable. Fire may emit noxious and toxic fumes. › Use in the immediate vicinity of the fire self-contained breathing apparatus.
6	Accidental Release Measures	Personal Precautions Environmental Precautions Spillage and/or leakage	<ul style="list-style-type: none"> › Wear protective clothing, gloves and safety glasses. › Product may not come in surface water › Absorb the product with absorbent material (dry soil/sand) and store in suitable containers for disposal.
7	Handling and storage	Handling Storage Storage together with other substances Preservability	<ul style="list-style-type: none"> › The usual precautions when handling chemicals must be observed. Provide eyewash and safety shower in the immediate vicinity. › Store packaging closed. This in a cool, well-ventilated place. Store frost. › Keep away from acids. › 4 years from date of production taking into account the above-mentioned storage conditions.
8	Exposure Controls / Personal Protection	Technical measures Occupational hygiene Mouth-nose protection Skin and body  Hands  Eyes 	<ul style="list-style-type: none"> › Ensure that eyewash stations and safety showers are close to the workplace. › At work: do not eat, drink or smoke. In case of inadequate ventilation wear respiratory protection. Filter apparatus filter A. › On not sufficiently ventilated workplace required. › Wear suitable protective clothing, gloves and eye/face protection. Chemical-resistant shoes. Remove one's contaminated clothes immediately. Keep work clothes separately. › Neoprene or PVA is recommended. Before breaks and at the end of work, wash hands. With repeated or prolonged use, do not use thin disposable gloves. › Safety glasses and face protection. Eyewash.
9	Physical / Chemical Properties	Physical state / Appearance Color Odor pH Flashpoint Upper limit Lower limit Vapor pressure Relative density Solubility in water Viscosity Vapor density Evaporation rate	<ul style="list-style-type: none"> › Liquid › Clear › Characteristic › Ca. 11,5 › -- › -- › -- › -- › ± 1 › -- › Not applicable › Not applicable › --
10	Stability and reactivity	Stability Avoiding Conditions Storage together with other substances Hazardous decomposition products	<ul style="list-style-type: none"> › Stable › Store frost-proof › Keep away from acids › Unlikely under recommend storage and normal industrial use

11	Toxicological information	Effects on eyes Effects on skin Inhalation Swallow Chronic toxicity	<ul style="list-style-type: none"> › Product can be corrosive to the eyes. Symptoms: redness, pain, poor vision. › Product can be corrosive to the skin. Symptoms: redness, pain. › The product may be irritating to the respiratory organs. Symptoms: cough, shortness of breath, sore throat › Symptoms: burning pain in the mouth, throat, esophagus and stomach. Abdominal cramps, vomiting, diarrhea. › With repeated contact with the skin may cause skin problems.
12	Ecological information	Ecotoxicity Mobility Persistence and degradability Potential bioaccumulation Other harmful information	<ul style="list-style-type: none"> › Toxic for water organisms 800 mg/L LX50 96 hours (trout) › No data › Biodegradation Value: > 90 % Testing period: 21 d. Determination: readily degradable › No data › Do not allow product undiluted on the surface
13	Disposal Considerations	Waste Information	<ul style="list-style-type: none"> › Removing of residues Removal as waste according to local and national prescriptions. › Polluted Packaging Removal as waste according to local and national prescriptions
14	Transport information	<p>Classifications as ADR material for road transport</p> UN-number NONE ADR class Name of transport document Hazard identification Packing ADR label <p>Classification as ICAO/IATA material for air transport</p> UN-number NONE Name of transport document IATA class Class ICA/IATA label <p>Classification as INDG material for sea transport</p> UN-number NONE Name of transport document Hazard identification Packing ADR label EmS Marine pollutant	
15	Regulatory information	WGK class	<ul style="list-style-type: none"> › 1; in general not hazardous for water

List of relevant R and H phrases:

- H290** May be corrosive to metals
- H302** Harmful if swallowed
- H312** Harmful in contact with skin
- H314** Causes severe burns and eye injuries
- H315** Causes skin irritation
- H319** Causes serious eye irritation
- H332** Harmful if inhaled
- H335** May cause respiratory irritation
- H412** Harmful to aquatic life, with long lasting effects

R20/21/22 Harmful if inhaled, swallowed and contact with skin

- R34** Causes burns
- R35** Causes severe burns
- R37** Irritating to respiratory system
- R41** Risk of serious eye injuries

This information is based on our present state of knowledge and is intended to describe our product with respect to possible safety demands. We imply with this however no guarantee of properties or description of qualities..