

ECL1200™

LIQUID ENZYME CONCENTRATE

PRODUCT DESCRIPTION

ECL1200™ is a high efficiency industrial lipase enzyme produced by non-pathogenic fungi. Lipases are known for their ability to catalyze the hydrolysis or breakdown of insoluble fats and oils (triglycerides) and facilitate the release of monoglycerides, diglycerides, glycerol, and free fatty acids at the oil-water interface. They are commonly used in various industrial applications, including the food, pulp and paper, feed, leather tanning, and laundry industries.

PACKAGING AND STORAGE

Available in 25 kg plastic container.

Store in a cool, dry location, less than 25 °C. Packaging must be kept intact, dry, and away from sunlight. Please follow the recommendations and use the product before the best before date. Contact Bionetix® with questions. Avoid inhalation and eye contact. Avoid excessive skin contact. Try to use the product as soon as possible after opening the original package.



FEATURES AND BENEFITS

- Facilitates lipid breakdown and digestion
- Improves textures
- Aids in stain removal
- Increases efficiency of various manufacturing processes

TYPICAL APPLICATIONS

- Food industry
- Laundry
- Chemical industries
- Biodiesel production
- Leather tanning industry
- Textile industry
- Feed manufacturing
- Pulp and paper industry

SPECIFICATIONS

Description	Brown liquid
Bulk Density	<1.25 g/mL
Stability	12 months
pH	5.5-7.0
Activity	100,000 U/mL*
Effective Temperature	30-70 °C
Effective pH	4.0-10.0

*Lipase activity is expressed in lipase activity units, which are defined as 1 g of solid powder (or 1 mL of liquid). Under certain temperature and pH conditions, the hydrolysis of the substrate to produce 1 μmol of titratable fatty acid in one minute is one unit of enzyme activity, expressed in U/g (U/mL).

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APPLICATION INSTRUCTIONS

For specific dosages, contact your Bionetix® representative.

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We Work For Nature

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