enzymes.bio

Add enzymes. Add value.

Catalase Enzyme for Wastewater Treatment

Liquid catalase preparation that decomposes hydrogen peroxide in industrial wastewater.

SKU **ENZ364** CATEGORY **CATALASE** CAS **9001-05-2** GRADE **INDUSTRIAL GRADE**

Industrial grade · Not restricted for transport

FORM	APPLICATION RATE	H_2O_2 REMOVAL	SHELF LIFE
Liquid	**0.1%–0.6% (o.w.f.)**	**up to 2000 ppm**	**12 months**
dark brown liquid, concentrated	set by hydrogen peroxide content of the wastewater	hydrogen peroxide concentration removed	sealed, see storage below

SPECIFICATION

IDENTITY

Enzyme	**Catalase** Typical
CAS number	9001-05-2 Typical

PHYSICAL

Form	**Liquid enzyme preparation** Typical
Color	Dark brown liquid Typical

WORKING WINDOW

Hydrogen peroxide removed	**up to 2000 ppm** Typical
Dilution before use	5%–10% Typical
Application rate	0.1%–0.6% (o.w.f.) Typical

Spec = release limit, confirmed on every lot's Certificate of Analysis. **Typical** = normal product behaviour, not a release limit.

STORAGE & PACKAGING

SHELF LIFE
12 months

STORAGE
Store tightly sealed, protected from light, between 0°C and 25°C

PACK SIZE
1 kg bottle

ORDERING
Online or by e-mail; current price on the product page

APPLICATIONS

Industrial wastewater treatment
Decompose residual hydrogen peroxide into water and oxygen before discharge or biological treatment.

Textile industry wastewater treatment
Remove hydrogen peroxide from textile effluent.

Paper manufacturing wastewater systems
Remove hydrogen peroxide from paper manufacturing effluent.

Electronics industry effluent treatment
Eliminate hydrogen peroxide from electronics industry effluent.

Food industry wastewater processing
Remove hydrogen peroxide from food industry wastewater.

DOSAGE

0.1%–0.6% (o.w.f.)

recommended application rate; exact amount depends on the hydrogen peroxide content of the wastewater

Substrate	**Hydrogen peroxide (H_2O_2), up to 2000 ppm**
Dilution before use	**5%–10%**
Addition point	**Before discharge or subsequent biological treatment**

Concentrated liquid product; dilute before use.

Each lot is released against its specification; the lot Certificate of Analysis reports the measured values.

enzymes.bio · Level 1, 6 Johnsonville Road, Wellington 6037, New Zealand · **Tel (USA) +1 (507) 428-6057** · wholesale@enzymes.bio

Online: enzymes.bio/product/catalase-enzyme-for-wastewater-treatment

Enzyme preparations are proteins and may sensitise; avoid skin, eye and inhalation contact. This technical data sheet gives the product specification and typical values; it is not a batch certificate. A Certificate of Analysis for the supplied lot accompanies each shipment. Safety Data Sheet on request.

SCAN TO ORDER