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Product Bulletin

JABON SOAP 2

BIODEGRADABLE ALL PURPOSE CLEANER/DEGREASER

TYPICAL APPLICATIONS

JABON SOAP 2 is a neutral all-purpose cleaner and degreaser that has been independently certified as readily biodegradable. The unique blend of surfactants and emulsifiers in the product make for an easy cleanup of grease and general soils.

JABON SOAP 2 is a concentrated liquid cleaner which can be accurately and efficiently dispensed through automatic feed and control systems. It has been formulated specifically for effective cleaning and degreasing without damaging system metals.

JABON SOAP 2 provides a generous amount of foam to aid in soil penetration during cleaning. This foam promotes cleaning solution contact in upper portions of conveyors and vessels. **JABON SOAP 2** provides excellent rinsing ability and inhibits the formation of calcium carbonate precipitate in the rinse cycle.

GENERAL DIRECTIONS

JABON SOAP 2 can be applied by manual methods as in general housekeeping operations. For general cleaning, dilute 1 part product with 20 to 40 parts water at up to 120°F. **JABON SOAP 2** can be used at a 1 part product with 5 to 10 parts of water for extremely thick grease buildup.

In high pressure spray cleaning of COP systems, use 1 to 2 ounces **JABON SOAP 2** per gallon of water at 140°F to 160°F.

Brush, or spray the solution onto surface being cleaned; wash vertical surfaces from bottom to top to avoid streaks on paint.

Rinse solution from surface after application.

SAFETY AND HANDLING

This product is a neutral pH cleaner/degreaser. Review and understand the SDS before handling to ensure the necessary personal protective equipment is employed during use.

Do not add strong oxidizing agents such as chlorine to the concentrated product.

Test specific use concentration in a small inconspicuous area for compatibility before use.

Regular testing is recommended to maintain proper control. Failure to monitor and maintain treatment levels can cause damage. It is the customer's responsibility to monitor and maintain treatment levels.

PHYSICAL PROPERTIES

Appearance	Pink Liquid
Odor	Mild
Foam	Moderate
pH of Use Solution	8.0-10.0
Pounds per Gallon.....	8.4-8.9

PRODUCT pH INDICATOR

----- acid ---- neutral ---- alkaline -----
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14

Seller Warranty

CH₂O brand test reagent refills are available through your sales representative at no charge. Customers are required to confirm product compatibility via a control test for their specific application. CH₂O recommends that you perform regular/daily testing to control chemical levels and cycles of concentration within established limits. Additional tests may be performed at your request. Test reports reflect conditions at the point when the analysis was performed. Results will change over time and with varying operating conditions.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the product data sheet. Buyer is responsible to ensure that products and product dosages are appropriate for Buyer's particular application. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against seller shall be a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. Jurisdiction for any issues arising from or relating to this product shall be in the courts of the State of Washington and the venue shall be Thurston County. Any controversy or claim arising out of or relating to this contract, or breach thereof, shall be settled by arbitration in accordance with the rules and procedures as stated in RCW 7.06 and shall be binding upon both parties without right to appeal, and judgment upon the award rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.

Applies to all products sold by CH₂O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH₂O products is subject to the Standard Terms and Conditions as listed on CH₂O, Inc.'s website at: www.ch2o.com.



VERSION DATE: 9/20/2023

REVISION DATE: 7/01/2025



CERTIFICATE OF TESTING

Complies with ISO/IEC 17025:2017

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CH₂O, Inc.
8820 Old Hwy. 99 SE
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Certificate Number: 2023E-00289
Revision Number: 1
Date: September 11, 2023

TEST PERFORMED: Ready biodegradability following OECD 301B

TEST RESULTS

Test item name	JABON SOAP 2
Test item lot #	LabBatch
Reference item name	Sodium benzoate
Inoculum type, collection date and location, and dosage	Activated sludge collected from Twinsburg Wastewater Treatment Plant (Twinsburg, OH) on August 07, 2023. Dosage: 30 mg/L of total suspended solids
Test period	August 11, 2023 – September 08, 2023
Test substance biodegradation at the end of the test	68.0 ± 0.7% with the 10-day window requirement * satisfied
Test validity	<p>The test satisfied all the three requirements set by the guideline as shown below. Therefore, the tests are valid.</p> <ol style="list-style-type: none">The degradation of the reference item passed the 60% threshold within the 10-day window with a final value of 82.9% by day 28.The CO₂ evolution in the inoculum blank at the end of the test was 19.8 ± 0.2 mg/L, within the recommended upper limit of 40 mg/L by the method.The difference between the replicate extremes of the test item at the end of the test was 2.0%, lower than the 20% threshold set by the method.
Conclusion	The test substance is considered readily biodegradable.

* The 10-day window is defined as beginning when 10% of the degradation is reached and ends after 10 days from this point (but before the 28th day).

CERTIFICATION We certify that the above results were obtained after testing specimen in accordance with the procedures specified by the standard method stated above.



Kuan Huang, Ph.D., Principal Scientist