

Offer Sheet

Product	Lactic Acid
Quantity	500lb. drums
Net weight	8,000 lbs.
Manufacture date	8-22-24 (3-year shelf life)
Availability	One time
Location	Delivered from the Midwest
Date	8/20/25
COA & SDS	Attached below

Commercial Uses for Silbreak 638

Industry	Application
Oil & Gas (Upstream & Midstream)	<ul style="list-style-type: none">- Crude oil demulsification: Separates water from oil in production, transport, and refining processes- Dehydration systems: Used in amine sweetening and glycol dehydration units to prevent foaming- Production chemicals: Added to separators, treaters, and pipelines to optimize flow and reduce water content
Natural Gas Processing	<ul style="list-style-type: none">- Controls foaming in amine or glycol units used to remove CO₂ and H₂S
Industrial Water Treatment	<ul style="list-style-type: none">- Employed in systems where oil/water separation or foam control is needed (e.g., refinery effluents, tank cleaning)
Chemical Manufacturing	<ul style="list-style-type: none">- Controls foam in batch reactors or distillation columns where silicone compatibility is preferred
Drilling & Cementing Fluids	<ul style="list-style-type: none">- Used as a defoamer in mud systems and cement slurries to improve process reliability

Key Functional Properties

- **Demulsifier**: Breaks water-in-oil emulsions efficiently, particularly in challenging field conditions (low temp, acidic pH).
- **Antifoam**: Suppresses persistent foam in dynamic systems, outperforming traditional organic antifoams.
- **Halogen-free & high molecular weight**: Minimizes environmental impact and bioaccumulation.
- **Thermal & chemical stability**: Performs under a wide range of conditions in oilfield and industrial environments.

Performance Benefits

- **Lower dosage required** (~100 ppm), reducing treatment cost
- **Fast water drop and cleaner interface** in separation tanks
- **Reduced carryover** in gas-liquid systems

If interested, please call or text:

Brian Svrusis

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70 King St.
Elk Grove Village, IL 60007
847-323-6718 call or text
Click here for: [Surplus Inventory](#)
[Solvent-Systems.com](#)



Certificate of Analysis

Product Name: LACTIC ACID NATURAL 88%

Lot #: 2445OA

Date of Manufacture: 2024-08-22

Date of Last Analysis: 2024-08-23

Vigon Code: 500663

Best if Used By: 2027-08-22

<u>Characteristic</u>	<u>Result</u>	<u>Specification</u>
TOTAL ACIDITY (AS LACTIC ACID) %	88.10	87.10 - 92.40
CHLORIDE (BY WT%)	<0.10	<0.10
CITRIC, OXALIC, TARTARIC AND PHOSPHORIC ACIDS	PASSES TEST	PASSES TEST
CYANIDE PPM	<5	<5
IDENTIFICATION (LACTATE)	PASSES TEST	PASSES TEST
IRON PPM	<10	<10
LEAD PPM	<0.5	<0.5
ODOR	PASSES TEST	CHARACTERISTIC ODOR.
REDUCING SUBSTANCES (SUGARS)	PASSES TEST	PASSES TEST
REFRACTIVE INDEX (@20C)	1.4271	1.4245 - 1.4275
RESIDUE ON IGNITION (BY WT %)	<0.01	<0.01
SPECIFIC GRAVITY (@25C)	1.2057	1.2000 - 1.2090
SULPHATE (BY WT%)	<0.25	<0.25
COLOR/APPEARANCE	PASSES TEST	COLORLESS, YELLOW TO LIGHT BROWN LIQUID.

Additional Product Information

Flash Point: >200 °F

Shelf Life: 36 Months

Storage Conditions: Stable when stored in its original package, tightly sealed in a cool (46-90°F) and dry location out of direct heat and light.

Item Specification: It Is A Colorless, Yellow To Light Brown Liquid With A Characteristic Odor.

Sincerely,

Chrissy Campos
Quality Control Supervisor

This Certificate of Analysis does not relieve the purchaser from undertaking their own tests in order to assure the suitability of this product for its application and to comply with all relevant legal requirements for any goods into which this product is incorporated

Vigon International, LLC.



Product Specification

Product Name: LACTIC ACID NATURAL 88%

Vigon Code: 500663

CAS Number: MIXTURE

FEMA Number: N/A

Characteristic:

Purity %

Identification

Odor

Refractive Index (@20c)

Residue On Ignition %

Specific Gravity (@25c)

Color/appearance

Specification:

87.10 92.40

PASSES TEST

CHARACTERISTIC ODOR.

1.4245 1.4275

<0.01

1.2000 1.2090

COLORLESS, YELLOW TO LIGHT BROWN LIQUID.

Additional Product Information:

Flash Point: >200 °F

Shelf Life: 36 Months

Storage Conditions: Stable when stored in its original package, tightly sealed in a cool (46-90°F) and dry location out of direct heat and light.

Effective Date: May 28, 2020

Printed Date: February 7, 2024

Vigon International, LLC.

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