



GLOBATE

GLOBATE

MBS TECHNO TECH

PRETREATMENT AUXILIARIES

Pretreatment auxiliary mainly includes auxiliary for cotton and its blends, auxiliary for polyester and other general auxiliaries.

DYEING AUXILIARIES

Dyeing auxiliaries are fine chemical products which enables a processing operation in dyeing to be carried out more effectively.

FINISHING AGENT

Hand feels finishing agent mainly include the Softener series, Silicone emulsion series, Cationic Softner, Silicone oil series etc.

AT GLOBATE, WE TAKE PRIDE IN EVERYTHING WE PRODUCE. WE PROVIDE TEXTILE CHEMICALS USED IN PRETREATMENT, DYEING AND FINISHING PROCESS OF FIBRE, YARN AND FABRICS.



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ABOUT US



As a leader in the industry since 1997, Globate has a wealth of knowledge and experience in manufacturing Textile chemicals. We are committed to providing quality products and innovations to various companies and individuals. The industry is constantly changing, so it is important that we keep up with the latest advancements. The variety of chemicals offered by us is extensively utilised in Textile industries. These serve multiple purposes like levelling and softening all types of textile fibre, and yarn and fabrics.

We at MBS Techno Tech, consider gaining the trust of our customers as our major motive. To ensure the fulfilment of our motive, we ensure serving our customers with superior and reliable quality products. Further, we serve our clients with customer-centric approaches. In addition to our amiable communication skills, we also ensure serving our clients with speedy responses to consignments as well as their enquiries.



WHO WE ARE?

Our company believes in maintaining long-term relationships with our valued clients by serving them with honesty and integrity. We make the most valuable investments to understand the needs of our clients and make the utmost efforts to serve them with great satisfaction.

CERTIFICATE

MBS Techno Tech
R. P. Industrial Estate, 19
Phase VIII, Focal Point
141010 Ludhiana, Punjab, INDIA

is granted ECO PASSPORT by OEKO-TEX® certification and the right to use its trademark for the certified products listed below. This is based on the test report **22.0.08474**.



Scope

ECO PASSPORT by OEKO-TEX®

Products: See attached enclosure

Product Category: Multiple

The above captioned products can be used for the production of human-ecological optimized textiles & leathers. The combined results of the reports mentioned above reveal that there is no harmful effect on the human and environmental health of the textiles & leathers treated/finished with the certified products. The products fulfill requirements of Annex XVII of REACH (incl. the use of azo colourants, chromium (VI), nickel release, etc.). The evaluation was based on the test methods and requirements of the ECO PASSPORT by OEKO-TEX® that were in force at the time of evaluation.


ZDHC MRL 2.0 Conformance Level 1 is achieved for certified products without restrictions.

Supporting Documents

- Declaration of conformity in accordance with EN ISO 17050-1 included in ECO PASSPORT by OEKO-TEX® Terms of Use.
- Test Report Number: 22.0.08474
- RSL Screening Report
- Detailed information about the components and safety data sheets of the certified chemical products.

The certificate 22.0.08474 is valid until 30.06.2023

Boennigheim, 17.06.2022


Dipl.-Ing. (FH) Ivonne Schramm
Head of Certification Body OEKO-TEX®
HOHENSTEIN HTTI

Company Name:
GLOBATE

Parent Company:
MBS TECHNOTECH

ZDHC ID:
A497SI73

Report Date:
19-12-2022 13:25 (UTC) Coordinated
Universal Time

Report Expiration Date:
23-06-2023

Address:
office address = 255k, phase 8, focal
point, Ludhiana
Factory Address = 19 R.P Industrial
Estate, Focal Point, Phase 8,
Ludhiana 141010, -- India

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Email Address:
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Version:
ZDHC MRSL v2.0

Date Updated:
19-12-2022



Introduction

This ChemCheck Summary Report provides an overview of the GLOBATE public products within The Gateway. Please note that the overview in the table below might not entail the complete product portfolio of the Formulator but selected chemical products.

GLOBATE Overview

Portfolio Summary

The Formulator GLOBATE has a total of 49 products uploaded and published on the ZDHC Gateway. Out of 49 products, 49 products are published with one of the current applicable ZDHC MRSL version(s) with Level 1, 2 or 3. 0 of the products are registered and published with no ZDHC MRSL Conformance Level.

PUBLISHED PRODUCTS

TOTAL PUBLISHED PRODUCTS: 49

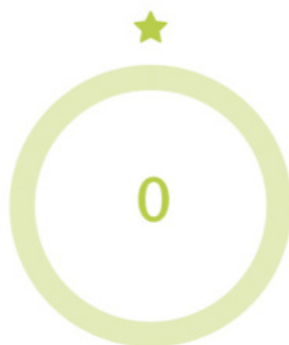
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**PRODUCTS PUBLISHED WITH ZDHC
MRSL LEVEL 1, 2 OR 3**

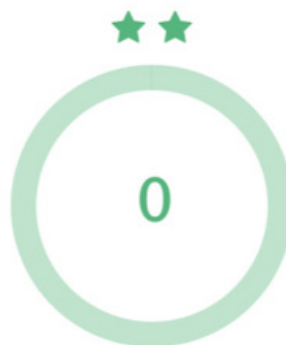
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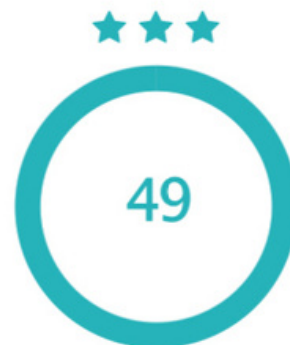
ZDHC MRSL V2.0
REGISTERED



ZDHC MRSL V2.0
LEVEL 1



ZDHC MRSL V2.0
LEVEL 2



ZDHC MRSL V2.0
LEVEL 3

Pretreatment auxiliaries

It is a process to prepare for putting colors, colors with designs or putting functional finishes such as providing soft hand or water absorbency.

Fibers have their own natural impurities like colorants, oils, or inorganics, as well as sizes or waxes as external sources when making wovens or knits. These impurities should be removed well due to their becoming potential obstacles when putting colors, color with designs, or other functions.

There are many kinds of preparation processes, such as scouring to remove sizes or oils, bleaching to decompose the colorants on natural fibers to be white, mercerizing to make the colors more brilliant, on cotton fiber, relaxing to make the fabric more, which determines the primary fabric hands and presetting to stabilize the fabric dimensions with its density.

GLOBATE develops and provide scouring agents, stabilizers for hydrogen peroxide bleaching, and chelating agents, used in the preparation process in accordance with processes, materials and machines used..

GLOBATE LFW 1080

Low Foaming wetting and scouring agent

chemical composition - Blends of low foam surfactants

Provides excellent wetting & detergency properties and high stability in caustic peroxide liquor. It has low foaming under high turbine processing conditions.

GLOBATE SQ 1042

sequestering agent

chemical composition - organic sequestering

It shows a strong sequestering effect on calcium, magnesium, and iron ions. Improves soaping performance to unfixed dyes in soaping after dyeing.

GLOBATE PK 1093

Peroxide Killer

chemical composition - Mixture of special salts

Specially designed as a 'peroxide neutralizer" to remove residual peroxide from the bleaching process before dyeing.

Globate STAB 1090

Peroxide Stabiliser

chemical composition - Inorganic Salts

It is an excellent & economical stabilizer for Hydrogen Peroxide. It will decrease the rate of decomposition of Hydrogen Peroxide.

GLOBATE LFW 1085

Low Foaming wetting and scouring agent

chemical composition - Blends of low foam surfactants

Very low cost with excellent wetting & detergency properties and high stability in caustic hydrogen peroxide liquor, It has low foaming under high turbine processing conditions.



GLOBATE

GLOBATE LFW 1085

GLOBATE LFW 1080 is ultra-low foaming, solvent-free, APEO-free wetting cum detergent for cellulosic, other natural, and synthetic fibers and their blends. Due to its ultra-low foaming characteristics, the product is suitable for jet dyeing machines even at a low liquor ratio. The product is also suitable for high-temperature scouring, combined scouring and bleaching, and washing-off agents. It confers good rewetting properties to the fabric scoured with it.

[General properties]

- Appearance: Colourless to straw white hazy liquid
- pH: 7+/-1
- Ionic nature: Non-ionic
- Solubility: dissolve in water

[Product features]

- Excellent removal of fats, waxes, and oils thereby ensuring uniform absorbency.
- Ultra-low foaming, wetting agent, and detergent
- Powerful emulsifying action

[Application]

Dosage: 0.6%-0.7%

Treat at 98 deg.C for 40-90 min. OR 110 deg.C for 15-45 min.

[storage]

50 kg/glue barrel, save in a cool, dry place.



GLOBATE

GLOBATE SQ 1042

[Main composition]

Organic sequestering agent

[General properties]

Appearance: Colourless liquid

Ionicity: nonionic

pH: 6-9

Stability: resisting acid, electrolytes, and 350g/L of alkali

[Product features]

- Strong sequestering effect on calcium, magnesium, and iron ions.
- Excellent stability and dispersibility.
- Suitable for the general process of printing and dyeing.
- Prevents broken holes due to oxidization in pretreatment and obviously improves scouring performance and whiteness and avoids precipitation in equipment.
- Improves soaping performance to unfixed dyes in soaping after dyeing.

[Application]

Scouring: 0.2-0.3g/L

Bleaching: 0.2-0.4g/L

Soaping: 0.2-0.3g/L

[Packaging and storage]

50 kg Can, keep it cool and dry, for 6 months in a sealed container at room temperature.

Dyeing auxiliaries

Dyeing process is to put colors or color-designs by using dyestuffs onto yarn, woven, and knitted fabrics.

In dyeing process, various dyeing auxiliary agents such as dispersants and leveling agents for level dyeing, reduction clearing agents and soaping agents for washing off unfixed dyes for improving dye fastness, fixing agents for fixing dyes with cotton or nylon fibers are used.

The type of dyestuffs, dye assistants, or method of improving color fastness will be different and be depending on the fibers.

GLOBATE DS 2020

Dispersing agent and Protective Colloid

chemical composition - Anionic acrylic copolymer

Dispersing and sequestering agent co-polymer and protective colloid in dyeing cotton and blends with vat, reactive, direct, and sulfur dyes.

GLOBATE LM 2254

Levelling and Retarding agent for acrylic

chemical composition - cationic surfactant compound

Retarding and Levelling agent for cationic dyes for acrylic in same bath dyeing. Cationic levelling agent features in good retarding & levelling effect; preventing dyeing defects caused by aggregation of dyes and cationic dyes staining on acrylic colour effectively; good high-temperature dyes migration and penetration ability.

GLOBATE LPY 2037

Dispersing agent and levelling agent for polyester

chemical composition - Blends of surfactant

Excellent levelling and dispersing agent, which covers the barriers effectively and also promotes the migration thereby achieving the level dyeings.

Globate OR 2045

Oligomer remover

chemical composition - Surfactant compound with content.

Can prevent the deposit of oligomer and Gel dyeing on machinery and fabric, can be used to remove polyester processing produce deposition oligomer and dye.

Globate AD 2063

Replacement of acetic acid

chemical composition - organic mixed acid

This product is a kind of special macromolecule organic mixed acid that is mainly for PH value control and neutralizes the alkali for dyeing fabric or the yarn, is the ideal substitute for acetic acid.

GLOBATE PS 2061

Soaping agent for cotton

chemical composition - anionic surfactant compound

Soaping agents are mainly used in soaping all kinds of fabrics that make them with excellent soaping fastness as well as low foam and easy wash.

GLOBATE SP 2060

Non-ionic soaping agent

chemical composition - Blends of surfactant

It has an excellent detergent action that is beneficial in washing/soaping as well as in the dyeing process.

GLOBATE LAD 2019

leveling agent for wool and nylon

It is a leveling agent for Nylon, wool, polyamide, and silk dyeing with acid, metal complex dyes, and also for dyeing of wool with chrome dyes. It reduces the high strike rate of dyes particularly in light shades, which results in excellent penetration and level dyeing.

GLOBATE ARC 2042

Reduction cleaning agent for polyester

The new generation of reduction cleaning agent for disperse dyestuffs, With strong reduction performance and easy operation and rinse after cleaning the fabric is more bright and safer.



GLOBATE

GLOBATE LM 2254

GLOBATE LM 2254 is a retarding agent for dyeing acrylic and its blends (fibre, yarn, fabric, with cationic dyes). It has a high affinity for acrylic fibres. It regulates the strike rate of cationic dyes by competing with dyes for active groups in the fibre. The product is used for levelling faulty dyeings on acrylics. Acrylic fibres can be dyed in either batch or by a continuous process.

[General properties]

- Appearance: Colourless to pale yellow liquid
- pH:7+/-1
- Ionic nature: Cationic
- Solubility: dissolve in water

[Product features]

- Good initial retarding action levelling of faculty dyeings.
- Works even under adverse conditions of process water.

[Application]

Dosage: 0.6%-1.2% (depending on the depth of shade)

[storage]

50 kg/glue barrel, save in a cool, dry place.



GLOBATE

GLOBATE LPY 2037

GLOBATE LPY 2037 Excellent dispersing cum leveling agent for use in rapid, high-temperature dyeing of polyester with disperse dyes.

[General properties]

Physical appearance: brown liquid

Ionicity: Nonionic

PH of 1% solution: 7 +/- 1

Miscibility: Miscible with water

[Product features]

- Dyeing accelerator with diffusion properties
- Dyeing time and temperatures can be reduced
- Good dyestuff pick-up and improved dyestuff yield
- Low foaming Suitable in the high-temperature range

Dosage

In Exhaust dyeing of polyester tops, yarn, fiber & fabrics

Set the bath with

0.3 - 0.6 % GLOBATE LPY 2037

0.5 - 1.0 g/l (Acid buffer)

Circulate at 60 deg.C for 5-10 min., add dyestuff

dispersion, and circulate for 5-10 min. Check and adjust pH

to 4.5 - 5.5 and dye as per the usual method.

[Packaging and storage]

50 kg Can, keep it cool and dry, for 6 months in a sealed container at room temperature.



GLOBATE

GLOBATE OR 2045

GLOBATE OR 2045 is a unique high-performance dispersed dye migrant for level dyeing and corrections.

[General properties]

Physical appearance: brown liquid Ionicity: anionic

[Product features]

- Enhanced migration of disperse dyes by GLOBATE MA 2035 leads to level dyeing
- Have a retarding effect on dispersing dye exhaustion on the polyester substrate (like conventional leveling agents thus yields of dyeings are unaffected at higher dosage levels).
- The only agent which effectively corrects/levels out the dispersed dyes even after patchy/uneven dyeing is caused.
- Excellent for correction/ re-dyeing of a combination of odd lots in a single machine to achieve uniform (on-tone) Jet-black shade. This can be done along with necessary additional dispersed dyes to attain the shade. Since it does not contain effective surfactants, can be easily used in single bath dyeing of polyester/ cellulosic blends (unlike conventional leveling agents for disperse dyes) without affecting the dye uptake of Reactive/Direct dyes.
- Good machine cleansing action at a higher dosage.
- Low foaming Suitable in the high-temperature range.

Dosage

0.2-0.5 GPL GLOBATE MA along 0.5 GPL GLOBATE SQ in normal dyeing cycle.
3-5 GPL GLOBATE MA with 0.5-1 GPL GLOBATE SQ for correction of patchy or uneven dyeing at 130 degrees C

[Packaging and storage]

50 kg Can, keep it cool and dry, for 6 months in a sealed container at room temperature.



GLOBATE

GLOBATE PS 2061

GLOBATE PS 2061

Soaping agents are mainly used in soaping of all kinds of fabrics that make them with excellent soaping fastness as well as low foam and easy wash.

[Main composition]

High surfactant compounds

[General properties]

Appearance: pale yellow powder

Ionicity: anionic

Stability: Resist acid, alkali, hard water, and electrolyte.

[Product features]

1. Excellent dispersion and washing effect.
2. Effectively remove unfixed dyes, anti-staining as well as make the fabrics colorful.
3. Improve the fastness of wet treatment and soaping, no influence on the shade and brightness.
4. Without producing foam and water-saving, suit to all equipment's soaping process.

[Application]

Dyeing: 0.4% for medium shade, 0.8% for dark shade

[Packaging and storage]

50 kg can keep it under seal in a cool and dry place, 6 months in a sealed container at room temperature.



GLOBATE

GLOBATE SP 2060

GLOBATE SP 2060 has an excellent detergent action that is beneficial in washing/soaping as well as in the dyeing process.

[General properties]

Physical appearance: colourless liquid Ionicity: non-ionic

PH (5%Aq) : 7, - 8.0

Miscibility: Miscible with water

[Product features]

- Low foam soaping agent.
- Reduces soaping time.
- Improves brightness of colour.
- Improves fastness properties.

Application

Washing Off

Cold wash with 1-2 gm/lit

Cold wash in running water for 5 - 10 min.

Neutralize with acetic acid for 10-15 min.

Hot wash & boil for 20-30 min.

Cold wash

[Packaging and storage]

50 kg Can, keep it cool and dry, 6 months in a sealed container at room temperature.



GLOBATE

GLOBATE LAD 2019

GLOBATE LAD 2019 is a leveling agent for Nylon, wool, polyamide, and silk dyeing with acid, metal complex dyes, and also for dyeing of wool with chrome dyes. It reduces the high strike rate of dyes particularly in light shades, which results in excellent penetration and level dyeing.

[General properties]

- Appearance: Yellow to yellow-brown viscous liquid
- Ionicity: Nonionic
- the pH of 1% solution: 8+/-1

[Properties and fields of application]

- Suitable for metal complex, acid, and chrome dyes.
- Excellent leveling action.
- Prevent uneven and patchy dyeings
- Does not affect the fastness properties of dyeings.

[Application]

Dyeing of

Wool: 0.5-1%

Nylon: 1.5-2%

[Packaging and storage]

50 kg/polyethylene drum, 12 months in a sealed container at room temperature.



GLOBATE ARC 2042

Brief information

- New generation of reduction cleaning agent for disperse dyestuffs. -- With strong reduction performance and easy operation and rinse.
- After cleaning, the fabric is more bright and safer.

Main composition

- Strong reduction agent

General properties

- Appearance: pale yellow liquid
- pH(1%): 7 ± 1.0
- Solubility: Easily soluble in water

Properties and fields of application

- With strong reduction performance for disperse dyes, remove the unfixed dyes thoroughly, which gives the fabric fastness and brightness.
- For pale shades or pale dyeing liquor, only adjusting pH and it for the reduction cleaning process, which is saving energy and water.

Application

Suitable for reduction cleaning of polyester and its bleached fabrics which after dyeing with disperse dyes.

Dosage:

1.5-2 g/L

- It is highly effective in a cooling acid dye bath at 75 deg. C
- Add Globate ARC 2042
- and then treats the dyed substrate at 85-90 deg.C for 25-30 min. followed by rinsing.

Packing and storage

50 kg Can, keep it cool and dry, 6 months in a sealed container at room temperature.

Finishing agent

Finishing is the process of giving the texture and function required by the final product depending on the application while taking advantage of the characteristics of the textile. The texture imparts softness and hardness, and functions include water repellency, flame retardancy, anti-static, anti-odor, deep color and so on.

Final products are expected to meet the required specs as well as the product stability in order to mass manufacture.

Processing methods include continuous process, batch process, and coating.

The hand feels finishing agents mainly include the Softener series, Silicone emulsion series, Cationic Softener, Silicone oil series, etc.

Globate AMS 3271

Silicone softener

Provide a good hand feel and gives a luxurious feel to the fiber, yarn, or garment & also keeps the fiber looking newer & fresher for a long time.

Globate CSA 3240

Cationic softener

Amide derivative of an aliphatic carbon acid in the form of a dispersion. luxurious feel to the fabric, yarn, or garment & also keep the fabric looking newer & fresher for a long time.

Globate AS 3216

Post dyeing lubricant for synthetics

chemical composition - blend of surfactants

It is a soft functional finishing agent, suitable for polyester, polyester blended, nylon, acetate fiber, and spandex fabrics in the dyeing and finishing process. Highly effective with good static protection to the fiber and without affecting the shade and brightness of the dyed fiber

Globate VL 3215

Anti-Static agent

chemical composition - Blends of surfactants

It is an antistatic lubricant for application on all types of synthetic fibers and their blends.



GLOBATE

GLOBATE AMS 3271

[General properties]

- Appearance: Milky white liquid (20°C)
- Ionicity: weakly cationic

[Properties and fields of application]

- Suitable for cotton, silk, wool, polyester, nylon, and other fibers, as well as denim garments, washing fabrics, sweaters, and towels.
- Confers bulky, thick, and hydrophilic properties to the towel after treatment. -- Extremely low yellowing that can use in softening white and pale shade yarns.
- Low foam, low viscosity without tank sticking.
- Extremely low shade change after softening.
- Free of silicon to avoid emulsion breakage, but preserves extremely smooth. -- Complies with environmental requirements and is biodegradable.
- Excellent hydrophilicity, softness, smoothness, and bulkiness.

[Application]

Dosage: 1.5-1.6%

At room temperature for 25-30 minutes

[Packaging and storage]

50 kg/polyethylene drum, 12 months in a sealed container at room temperature.



GLOBATE

GLOBATE CSA 3240

Amide derivative of an aliphatic carbon acid in the form of a dispersion. Luxurious feel to the fabric, yarn, or garment & also keep the fabric looking newer & fresher for a long time.

CHEMICAL & PHYSICAL CHARACTERISTICS

Colour and Appearance: Creamish liquid.

Nature: Cationic

Solubility in water: Dispersible

pH (5%Aq) : 6.8 - 7.2

Compatibility:

Compatible with Non-ionic & cationic textile chemicals.

PRODUCT ATTRIBUTE

- Excellent soft handle - Gives warm luxurious feel to fabrics.
- Helps to keep the garment looking newer & fresher for a long during the wearing and washing of the garments.

Application

- Dosage* : 0.5-1%
- Bath pH : 5.0-5.5
- Bath Temp. : 30-40 deg.C
- Time : 20-30 mins.

[Packaging and storage]

50 kg can keep it under seal in a cool and dry place, for 6 months in a sealed container at room temperature.



GLOBATE

GLOBATE AS 3216

GLOBATE AS 3216 is a highly efficient antistatic lubricant designed for use as a re-finishing aid for dyed polyester, Acrylic, Viscose and their blends.

Composition:

A special blend of non-ionic lubricants and surfactants.

Properties

Appearance - Pale yellow liquid

Specific Gravity Approximately 1.0 at 30°C The pH of 5% solution is 7.0 to 8.0

Features and Benefits :

Easily poured or pumped and easy to handle. Readily miscible in cold water.

Exhibits excellent exhaustion properties and normally gives an add-on of 0.1 to 0.2% at an application level of 0.6 to 1% on the weight of the fibre.

Imparts excellent fibre-to-metal and fibre-to-ceramic lubricity, -promotes improved fibre-to-fibre cohesion with a soft pleasing handle.

Highly effective with good static protection to the fibre and without affecting the shade and brightness of the dyed fibre.

Application

It can be applied by exhaustion method on polyester, Acrylic and their blends.

Dosage

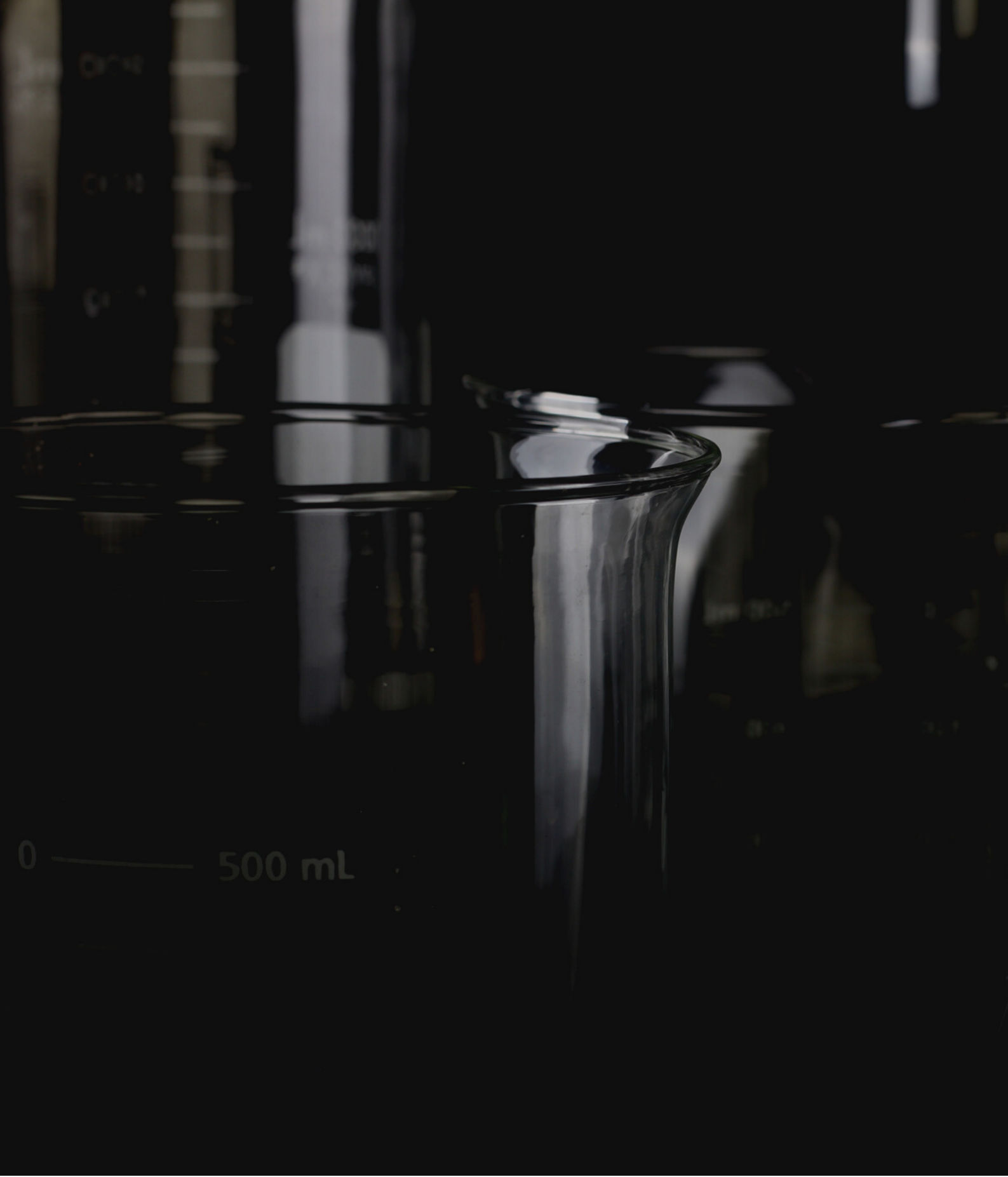
The recommended dosage level :

To be used at a level of 0.6% to 1% on the basis of dry fibre weight.

The best result can be achieved with a liquor ratio of 1:5

Storage:

Under the normal conditions of storage, the product is stable for up to 12 months.



GLOBATE



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