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| **CHEMSOFT EZ 400****TEXTILE YARN SIZING SOFTNER***A UNIQUE FATTY POLYMERIC BLEND OF YARN CONDITIONING AGENT* . |

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| *PHYSICAL PROPERTIES*  |

**APPEARANCE**  : White lustrous hard consistency.

**CHEMICAL NATURE** : Anionic in Nature.

**COMPATIBILITY** : Only Compatible with Nonionic & Anionic Ingredients.

*APPLICATION*

***CHEMSOFT EZ 400*** is specially formulated for the size bath having starch and their binding agent it smoothen and makes the size film more pliable uniformly throughout the yarn length, minimizes the harshness of the coated film due to starches and binding agent being used in sizing the yarn. The use of ***CHEMSOFT EZ 400*** also minimizes the dusting. As it covers the yarn with a soft film which makes the whole yarn web to separate end and busting at the comb to avoid breakage due to stickiness of yarns.

***GENERAL RECIPE***

***CHEMSIZE EZ 400*** is soluble and ad mixable in the sizing slurry without affecting the adhesion or binding characteristics of the size film product can be applied during cooking either in the beginning or after cooking of the sizing slurry. Following recipes can be formulated for efficient sizing and easy weaving and high production efficiency.

***For the cotton yarn above 40 count***

**WATER : 800 LTR**

**STARCH(non- modified): 70- 80 KG**

**CHEMSIZE EZ 400 : 3 KG**

**CHEMSIZE BF 100 : 6 KG**

**PVA : OPTIONAL**

**ORGANO CHEMICALS ( PVT ) LTD*.***

**2ND FLOOR, ZIA COMMERCIAL PLAZA ,P-135,STREET # 10 WAKILAN,**

**KATCHERY BAZAR, FAISALABAD,PAKISTAN.**

 **PH: 92-41-2624946 FAX: 92-41-2636504 E.MAIL:organo@fsd.comsats.net.pk**

***For the cotton below 30 count***

**WATER : 800 LTR**

**STARCH (non modified) : 75 KG**

**CHEMSIZE EZ 400 : 1 KG**

**CHEMSIZE BF 100 : 2 KG**

**PVA : OPTIONAL**

***Fo bends like polyester/cotton, pv, cvc***

**WATER : 800 LTR**

**STARCH(non-modified): 80 KG**

**CHEMSIZE EZ 400 : 2 KG**

**CHEMSIZE SM 5050 : 6 KG**

**PVA : OPTIONAL**

**NOTE.**

In case of addition of PVA or any other polymer resin the recepie can be made accordingly to AD-ON/PICK UP required for the yarn and strength to be given as it depends the quality of the fiber blends and greige yarn pre determined tensile strength.

***PRECAUTIONS***

No adverse effect of the product has been observed. However as the product is highly basic in nature , therefore it is advisable to follow the precautionary measurements during handling & storage . For detailed precautions, follow the product MSDS.

***ADVANTAGES***

* **VERY SIMPLE TO APPLY.**
* **NO DUSTING OR FLUFF DURING SIZING OR ON LOOM.**
* **LEAST BREAKAGE & HIGH WEAVING EFFECIENCY.**
* **VERY ECONOMICAL. ALMOST 40 – 50 % LESS COST.**
* **DESIZING REQUIRES NO SPECIAL TREATMENT.**
* **SMOOTH & SOFT FABRIC CONSTRUCTION.**

***PACKING / STORAGE***

**\*** In 200 KG net Steel drums / 150 KG net PVC Drums.

**\*** Store under shade & cool place. Avoid storage in direct sunlight or in hot climatic conditions.

*The information in this document is based on our present knowledge and must not be considered as a guarantee of specific properties.*

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**MATERIAL SAFETY DATA SHEET**

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| ***SECTION - 1 : MATERIAL IDENTIFICATION & USE*** |

**MATERIAL NAME IDENTIFIER** : **CHEMSIZE EZ 400 ----** T**extile yarn sizing softener***.*

**MANUFACTURER / SUPPLIER** : ***ORGANO CHEMICALS (PVT) LTD.,***

 2nd. FLOOR, ZIA COMMERCIAL PLAZA, STREET 10 WAKILAN

 KATCHERY BAZAR, FAISALABAD , PAKISTAN.

**CHEMICAL NAME** : A UNIQUE FATTY, POLYMERIC BLEND OF YARN CODITIONING AGENT.

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| ***SECTION - 2 : HAZARDOUS INGREDIENTS*** |

**HAZARDOUS INGREDIENTS**  : NON HAZARDOUS INGREDIENTS

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| ***SECTION – 3 : PHYSICAL DATA*** |

**PHYSICAL STATE :** WHITE LUSTERIOUS HARD CONSISTANCY.

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| *SECTION – 4 : FIRE & EXPLOSIVE DATA.*  |

**FLAMMABILITY :** NON FLAMEABLE

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| ***SECTION - 5 : REACTIVITY DATA*** |

**CHEMICAL STABILITY :** BELOW 30o C, STORE UNDER SHADE IN COOL PLACE.

**COMPATABILITY :** ONLY COMPATIBLE WITH NONIONIC & ANIONICS INGREDIENTS.

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| ***SECTION – 6 : TOXICOLOGICAL PROPERTIES*** |

**ROUTE OF ENTRY :** SKIN CONTACT - HARMLESS

 EYE CONTACT - CAUSE IRRITATION

**EFFECT OF CHRONIC**  **:** LD 5O MATERIAL - NOT AVAILABLE

**EXPOSURE TO MATERIAL** IRRITANCY OF MATERIAL - IRRITATE TO EYES

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| ***SECTION – 7 : PREVENTIVE MEASURES*** |

**PERSONAL PROTECTIVE**  :EYE ( SPECIFY ) - WEAR GOGGLES

###### EQUIPMENT : FOOT WEAR (SPECIFY) - WEAR RUBBER BOOTS

###### :CLOTHING (SPECIFY) - LONG SLEEVE COVERALL

**ENGINEERING CONTROLS** (SPECIFY :NOT NECESSARY

E.G VENTILATION ENCLOSED PROCESS)

**LEAK & SPILL PROCEEDURE** : SPILLAGE CAUSES SLIPPERY. COLLECT INTO A CLOSED CONTAINER.

 WASH OUT THE AREA WITH PLENTY OF WATER.

**WASTE DISPOSAL** : INCINERATE OR TREAT A SEWEAGE PLANT.

**HANDLING PROCEEDURE** : WASH HANDS & FACE DAILY AFTER WORK OR WHEN CONTAMINATED.

**STORAGE REQUIREMENTS** : STORE BELOW 30 C & AVOID DIRECT SUNLIGHT.

 : DO NOT LEAVE OPEN TO THE ATMOSPHERE.

 : STORE AT A FIXED PLACE. KEEP THE CONTAINERS WELL TIGHT

 AFTER USE

 : DO NOT USE EMPTY DRUMS OR CONTAINERS FOR OTHER PURPOSE

 & KEEP AT A FIXED PLACE UNTIL DISPOSING OFF PROPERLY.

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| ***SECTION - 8 : FIRST AID MEASURES*** |

**SKIN CONTACT** : IMMEDIATELY REMOVE THE CONTAMINATED CLOTHING.

 WASH THE SKIN THOROUGHLY WITH WATER & SOAP.

**EYE CONTACT** : IMMEDIATELY WASH THE EYES WITH PLENTY OF WATER

 FOR MORE THAN 15 MINUTES.

**INHALATION** : STEP INTO AREA OF FRESH AIR & LIE QUIET.

**SWALLOWING** : DRINK WATER & INDUCE VOMITTING. TAKE 50 gr. OF

 ACTIVATED CHARCOAL BY MOUTH.

**SPECIAL ADVICE**  : ***SEEK MEDICAL ATTENTION AFTER THE ABOVE***

 ***MEASURES IF NECESSARY.***

**SOURCES USED** : MANUFACTURER’S INTERNAL MANUALS.