

Product Denomination : **STOIL WE**
Issue Version : 13.03.2006
Revision : 17.04.2009
Revision No. : 01

STOIL WE is developed as an emulsified product for weaving easily in Starlinger type machines to produce propylene and polyethylene based big-bag and sacks.

STOIL WE has Food Codex Report required as raw material input especially for the bags used for food packaging (flour, sugar, rice, etc.)

ADVANTAGES

- It does not cause bacterial growth and bad smell.
- It is recommended by technician to use in Starlinger type machines.
- It ensures that the printing and lamination works, for the woven bags, particularly big-bag and other fabrics, are made properly.
- It does not cause any corrosion on rollers and other parts of the machines, does not cause any clogging problems so decreases maintenance costs.
- It does not cause any skin irritation for the personnel who have contact with the product.

Properties	Test Methods		Typical Values
Density @ 15 °C g/cm ³	ASTM D1298		0.850 – 0.880
Flash Point (COC), °C	ASTM D92		min. 210
Viscosity @ 40 °C cSt	ASTM D445		46 – 56
Refractive Index @ 20 °C	ASTM D1747		1.469 – 1.478
FDA 178 36 20	Pharmacopeia		(a)
Emulsion Stability (Concentration 5%)	Water %	Emulsion %	Oil %
After 5 minutes	0	100	0
After 12 hours	0	99.7	0.3

Product Denomination: **STOIL WE**
Issue Version: 13.03.2006

APPLICATION

1. **STOIL WE** provides highly stable emulsions with water in 4 to 5 % concentration for propylene and polyethylene based Big-Bag and Column Production.

It has Food Codex Report required as raw material input especially for the bags used for food packaging (flour, sugar, rice etc...)

The machines used for this purpose and their usage rates are given below:

<u>Machinery Used</u>	<u>Rate of Usage (%)</u>
H.D.N 4-6	4
H.D.N 8	5
SL/ 4- SL/6	4
SL/61-62	4.5
SL/8	5
Tori, Taiwan, Lenzing	4
Thight Weaving Machines	4

2. **STOIL WE** is used as releasing agent for production process of hygienic papers such as paper towel and napkins. It is applied by directly mixing in paper pulp or spraying on rollers.

RECOMMENDED INSTRUCTIONS FOR USE

When preparing a new emulsion with **STOIL WE**, the water should be chosen carefully (soft water recommended) and the containers should be clean enough to have a long effective emulsion life.

When preparing a new emulsion, **STOIL WE** should be put into water by mixing.

STORAGE

Store and keep **STOIL WE** away from direct sunlight and protect from frost. Ideally, store under cover at ambient temperatures between 5 °C and 50 °C.

PACKAGING

STOIL WE is available in 180 kg steel drum and 18 kg tin containers.