

NOBLAZE

SWR 1 & 2 PRODUCT INFORMATION

DESCRIPTION

NOBLAZE[®] SWR-1 and **NOBLAZE[®] SWR-2**, which come in separate packages, they have to combine and form highly effective wool flame retardant. In wool treatment with **NOBLAZE SWR-1 & SWR-2**, excellent results were shown include high efficiency, low toxicity, durable for washing and easy handling.

SPECIFICATIONS

Parameter	NOBLAZE [®] SWR-1	NOBLAZE [®] SWR-2
Appearance	Yellow liquid	Clear liquid
Active Content, %	48.7	40
pH @ 25 °C	< 2	< 2
Ionicity	Anion	Anion

APPLICATIONS

NOBLAZE[®] SWR-1 and **NOBLAZE[®] SWR-2** are outstanding durable flame-retardants for wool products. For wool treatments, NOBLAZE chemicals can be diluted with water to the desired concentration and then applied by dipping techniques as shown as the following procedures.

USAGE PROCEDURES

1. Prepare fresh water in a tank and increase the water temperature until 85 °C.
2. Add 5% of **NOBLAZE[®] SWR-1** and 15% of **NOBLAZE[®] SWR-2** into the water tank and stir evenly.
3. Maintain the mixture at a pH below 3; which can be adjusted by adding citric acid or formic acid.
4. Place the wool into the mixture, then increase the temperature until 95°C and maintain it for 30-35 minutes.
5. Later discharge the mixture and rinse the wool with fresh water at 40°C for 5-10 minutes until the pH value has increased to 4 and this wool treatment is considered has completed.

CAUTIONS

1. In the wool treatment procedures, the chemicals such as sulphuric acid, glauher salt and phosphate softener or detergent cannot be used.
2. During the rinsing process, the wool cannot be neutralized by alkaline solution; it only can be rinsed with fresh water until the pH reach to 4.
3. Since **NOBLAZE[®] SWR-1 and NOBLAZE[®] SWR-2** are acidic, it may cause burns on eyes and skin, when undergoing treatment process personal protective equipments must be worn.

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PACKING

125kg or 170kg per drum in plastic drum. Shelf life: 1 year

TRANSPORT INFORMATION

NA

The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

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