

1. IDENTIFICATION OF THE PRODUCT AND COMPANY**1.1 Identification of the product**

Name: **Flame retarder FR 3**
 Other names of the product: -
 General chemical formula (basic components): $(\text{NH}_4)\text{H}_2\text{PO}_3$; Na_2SO_4 ; $\text{CO}(\text{NH}_2)_2$; $(\text{NH}_4\text{PO}_3)_n$

1.2 Use of the product

General use of the product Additional textile product – flame retarder used mainly for cellulose based fiber (like cotton, viscose, hemp, jute, flax etc).
 Additional product – flame retarder for cellulose based paper products
 Function: Effective agents of the product dehydrogenate and carbonize all cellulose based materials and which effect on decrease of combustion heat and decrease flammability of material.

1.3 Company identification

Name of producer: **SK-TEX spoločnosť s ručením obmedzeným**
 Address : Kosatcová 26, 841 07 Bratislava, Slovenská republika
 Address of production : SK-TEX s.r.o., prevádzka: Priemyselná 278, 90 501 Senica, Slovenská republika
 ID number : 35 726 504
 Telephone / Fax / e-mail : +421- 948- 426489, sk-tex@sk-tex.com,
 Responsible specialist : Ing. Ladislav Šurda

1.4 Telephone NR. for urgent cases :

+421 2 54774605 - **Toxikologické informačné centrum Bratislava, SR**
 +421 948 426489 - **SK-TEX,s.r.o. Ing Miroslav Futrikanič**

2. IDENTIFICATION OF RISK**2.1 General risk specification**

Components of the product are not classified as dangerous according ES a SR rules.

2.2 Health and environmental risks

Ammonium Dihydrogphosphate can locally irritate the eyes and skin.

Ammonium sulfate is not certificated as a substance with dangerous effect on health. Based on concentration can have irritate effect mainly on eyes. Has no environmental influence.

Both basic components are dangerous for water organisms and for water sources (influence of ammonium salts on water).

Synergistic additives – mixture with ammonium poly phosphate and of s ammonium polyphosphats and carbamide decrease an irritate acts on skin and eyes.

2.3 Other risks - No data available**3. COMPOSITION / INFORMATION ABOUT COMPONENTS****3.1. General information about the product**

Product is not certificated as a risk according rules 1907/2006/ES

Name of component	Value (%)	NR CAS	NR ES	Classification of Risk
Ammonium Dihydrogphosphate	18-38	7722-76-1	231-764-5	-
Ammonium sulfate	20-34	7783-20-2	231-984-1	-
Ammonium polyphosphate	3-18	68333-79-9	269-789-9	-
Carbamide	8-23	57-13-6	200-315-5	-

Note: concentration of component is different for different application