



Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218

Fax +91 22 42184350

Email : tcmktg@sarex.com

URL www.sarex.com

PRODUCT LITERATURE

SARAFLAM-TR

Product Information

Saraflam-TR is an economical flame retardant for cellulosic, synthetic fibres and their blends. Saraflam-TR is a halogen and antimony free flame retardant. Fabric treated with Saraflam-TR is durable to dry cleaning but not to washing as Saraflam-TR is soluble in water. Finished fabric has soft handle and is non hygroscopic. Saraflam-TR is recommended for furnishing fabrics, tent fabrics, industrial covers etc. which are not washed frequently.

Key Features & Benefits

Key Features

Benefits

Versatile & economical

Can be used for all types of fibres

Feel of fabric

Soft feel

General Characteristics

Physical appearance : Colourless to pale yellow liquid

Ionic nature : Nonionic

pH of 1% solution : 4.5 +/-1

Miscibility : Miscible with water

Compatibility : Compatible with anionic, cationic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

Application

Saraflam-TR : 300-400 g/l

Pick-up : 60% (2dip-2nip)

Drying : 100-110 deg.C

Curing : 140-150 deg.C, 3-4 min OR

: 170-180 deg.C, 1-2 min

- Concentration of Saraflam-TR will depend upon pick up as well as performance required.

- Usually around 20-25% add-on of Saraflam-TR is necessary.

- Saraflam-TR can also be applied by spraying method using suitable device



Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218

Fax +91 22 42184350

Email : tcmktg@sarex.com

URL www.sarex.com

PRODUCT LITERATURE

SARAFLAM-TR

- Lab trials are essential to arrive at required dosage.
- Ensure that padding temperature does not exceed 30 deg.C.

Saraflam-TR can pass following tests :

1. BS-3119 (1959) vertical flame test with 12 seconds of flame.
2. BS-3120
3. Federal test method standard 19A or 5908 - 45 deg.angle test.
4. BS 5852, flammability of upholstery material - cigarette butt test

Note:

Many common finishing chemicals may hamper performance of Saraflam-TR. Therefore lab trials are essential while finalising the dosage of Saraflam-TR and the recipe. Wetting of the finished fabric by rain water or by other means can reduce flammability as Saraflam-TR is soluble in water.

Saraflam-TR being a complex blend of products, has slight tendency to show trace sedimentation at the bottom, but this does not impact product efficiency. It is recommended to shake the carboy or drum well before use and the trace sedimentation will get dissolved in water during use.

Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight.Storage temperature should not exceed 35 deg C.Close lids firmly to avoid contact with air and moisture.

Shelf Life : 8 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]
[Prod.Code :PY270 | Last Upd. On : 23/02/17] [PP]

This is a computer generated report. Hence not signed.