

The Card of Safety Data according to the Act 163/2001 about chemical substances and chemical preparations

Polypropylene staple, unbleached, for technical purposes KALCIFIL S

elaborated on : 14.06.2004

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1. FABRIC INDICATION (OF PREPARATION AND FIRM)

Product name : Polypropylene staple, unbleached, for technical purposes-
- KALCIFIL S

Producer : VÚCHV, a.s. Štúrova 2, 059 21 Svit
telephone : 052 7755 144, 7756 344
fax : 052 7755663

2. SUMMARY (DATA ABOUT COMPOSITION)

Chemical composition :

PPs for technical purposes is made of isotactic polypropylene, eventually modified mineral filling to 10 %

Additives : Spinn finish to 1 %

Dangerous substances contained in the product : Not stated.

3. POSSIBLE DANGER :No special danger threatens

Danger to people´s health

PPs for technical purposes does not have any acute as well as any chronic negative effects on man´s health under the conditions of common use. In case of careless handling it can cause skin or eye mechanical irritation. Breathing organ can be irritated by the inhalation of dust.

Danger for environment

PPs for technical purposes does not have harmful effects on the environment. In the environment it is extraneous substance with the very slow biological decomposition. It is non-soluble in water.

Additional data

It is flammable but inflammable substance with difficulty. In the process of burning it is decomposed under the formation of toxic and irritable substances. Dust is explosive. The product can be electrostatically charged.

4. FIRST AID PRINCIPLES

Skin effect : not stated

Eye effect: flush the eyes with sufficient amount of water. If the state of irritation persists, search the doctor

Fumes inhalation during the processing : not stated

In the use: flush the mouth

5. MEASURES IN CASE OF THE FIRE

Recommended extinguishing substance : water, foam, CO₂, powder

For security reasons non-recommended extinguishing substance : not stated

Extra danger in connection with other substance, other products of burning or arouse gases - see 10.6

Safety measures in the fire action : use independent breathing apparatus

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6. MEASURES IN THE ACCIDENTAL SPILLAGE

Persons protection : not stated

Environmental protection : prevent saturation into sewage and water sources

Cleaning procedure : pick up mechanically and store in the closed foil packing in the suitable place

7. HANDLING, TRANSPORT AND STORAGE

Handling – no eating, no drinking and no smoking at work

Transport – transport in covered means of transport protected against atmospheric exposure

Storage – store in folio packings, in the closed area at the temperatures in the range from -20 to +25°C

Instructions for communal storage – not stated

8. PERSONAL PROTECTIVE EQUIPMENT

Technical measures : not stated

Respiratory system protection : not stated

Hands protection : not stated

Eye protection : not stated

Skin protection : ordinary fatigue clothes

It is necessary to follow personal hygiene rules.

9. PHYSICAL-MECHANICAL PROPERTIES

Appearance : PPs for technical purposes

Smell : inodorous

Inflammation point : 360°C

Auto-ignition : 890°C

Density : 910 kg/m³

Water solubility : insoluble

Inflammability : flammable

10. STABILITY AND REACTIVITY

Polypropylene : flammable solid substance

At the temperature of the supposed use it is non-reactive, it is not decomposed

Thermal decomposition : temperature > 300°C

Dangerous conditions : temperature > 300°C

Dangerous reactions : not stated

Decomposition dangerous products : in the thermal decomposition or in the burning the oxides of carbon and other dangerous toxic gases can form

11. TOXICOLOGICAL DATA

Skin irritability : does not irritate

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Eye irritability : does not irritate

Skin sensitivity : negative

Accute oral toxicity

- OECD no. 401 LD₅₀>5000 mg.kg⁻¹ nontoxic

Accute dermal toxicity

- OECD no. 402 LD₅₀>5000 mg.kg⁻¹ nontoxic
- Primary dermal irritability/corrosive effects
- OECD no. 404 k = 500 µl non-irritating

Primary eye irritability/corrosive effects

- OECD no. 405 k = 100 µg non-irritating

Amesov test/detection of gene mutations

- OECD no. 471 k = 50 µl/PM (Petri dish) non-mutagenous

Micronuclear test/detection of chromosomal mutations in vitro

- OECD no. 474 k = 0,25 µl.ml⁻¹ non-mutagenous

Reparation test/Detection of DNA damage and correction

- OECD no. 482 k = 20 µl

Additive data :

Chronical toxicity : non stated

Caustic properties : non stated

Irritability : non stated

Sensitizing properties : non stated

Mutagenity : non-mutagenous

Reproductive toxicity : non stated

Carcinogenity : non -carcinogenic

12. ECOLOGICAL DATA

PPs for technical purposes is ecologically clean

It is necessary to avoid pollution of backwater and flowing waters and saturation into sewage.

Biological decomposability : biologically decomposable with difficulty

13. INSTRUCTIONS FOR WASTE HANDLING

Species code and PP waste category

Waste sort : 07 02 13

Waste species name : waste plastic material

Material : store as the waste or recycle as secondary raw material, according to relevant regulations

Packings : as well as the basic material

14. INSTRUCTIONS FOR TRANSPORT

It does not threaten any danger during the transport.

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15. REGULATIONS

It is not subject to marking

Risk : The product is not classified as dangerous in law 163/2001 C.I.

Legal regulations which refer to the substance/preparation :

Act of NR SR no. 23/2002 C.I., by which the Act NR SR 152/1995 C.I. about foodstuff as amended by later regulations is changed and completed

Food Codex SR (eficiency from 19.09.1998, by announcement no. 284/1998 C.I.)

16. ADDITIVE INFORMATION

Safety Card contains information about PPs for technical purposes, known in the time of edition, which is needed for guarrantee of safety and protection of health at work and environmental protection.

Elaborator :

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