



MATERIAL SAFETY DATA SHEET

1. PRODUCT NAME GTEX OPTIMAL

COMPANY

Recycling J&F, s.r.o.

Dražní 211

CZ-562 04, Ústí nad Orlicí

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2. POSSIBLE HAZARDS

No hazardous products under normal conditions.

Combustion gases contain CO₂.

In case of oxygen deficiency, carbon monoxide will be formed.

3. PRODUCT COMPOSITION

Nonwoven:

Major (> 20 %): Polyethylene Terephthalate (PET)

CAS n.: 25038-59-9

Polypropylene (PP)

CAS n.: 9003-07-0

Trace comp. (<1 %): Spin finish oil

CAS n.: -

Chemicals that are in the "List of Dangerous Substances" - 2008/1272/EC: None

4. FIRST AID MEASURES

Under normal conditions

4.1 Inhalation No specific measure to be taken

4.2 Skin contact No specific measure to be taken

4.3 Eye contact No specific measure to be taken

4.4 Ingestion No specific measure to be taken

In case of inhalation of combustion gases: seek immediate medical attention.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media: Water spray, foam, CO₂, extinguishing powder

5.2 Extinguishing-media not to be used: None

5.3 Special exposure hazard: For flammable and toxic fumes as well as skin contact with molten materials: see item 10.

5.4 Special protective clothing for fire-fighter: None

6. ACCIDENTAL RELEASE MEASURES

Not applicable

7. HANDLING AND STORAGE

Normal requirements

8. EXPOSURE CONTROL / PERSONAL PROTECTION

No specific measures

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance:</u>	Form:	Chopped nonwoven textile
	Colour:	White
<u>Melting point:</u>		160 °C
<u>Decomposition temp:</u>		> 285 °C
<u>Flammability:</u>		Not easily flammable
<u>Autoignition temp:</u>		> 300 °C
<u>Relative density:</u>		PET: 1.36 g.cm ⁻³ , PP: 0.95 g.cm ⁻³
<u>Solubility in:</u>	Water:	Insoluble
	Fat:	Insoluble

10. STABILITY AND REACTIVITY

Conditions to be avoided:

At temperatures higher than 300°C toxic and flammable gases, carbon monoxide may be developed. The generation of cleavage and oxidation products is subject to fire conditions. Non-burned residues and contaminated water after fire fighting should be disposed of in compliance with official regulations.

Molten materials should not be allowed to be in contact with the skin to which it can adhere and can cause burns.

11. TOXICOLOGICAL INFORMATION

No toxically reaction known under normal conditions.

Under decomposition conditions; toxic fumes and contaminated water: see item 10.

12. ECOLOGICAL INFORMATION

For transportation, storage, normal use, no toxicological effect known. The product is not biodegradable.

13. DISPOSAL CONSIDERATIONS

Being non-hazardous solid waste, nonwovens can be disposed of, depending on local legislation, through: recycling, incineration or landfill.

14. TRANSPORT INFORMATION

No specific request

15. REGULATIONS

None

16. FURTHER INFORMATION

All information in this safety data sheet is based on our present knowledge and is given to describe our products with regard to safety aspects. This information does not guarantee certain properties of the products. Recipients of the products must take responsibility for observing existing laws and regulations.

The GTEX products produced by Recycling J&F, s.r.o. are defined as an article in accordance to the REACH regulations, and as such does not need an MSDS, however for convenience we have chosen to make this MSDS in accordance with the regulations for preparations as outlined by Annex II of the REACH regulations.

Date: 20.10.2021

