

# MATERIAL SAFETY DATA SHEET

**1. PRODUCT NAME**                      **GTEX OPTIMAL**

**COMPANY**                                      **Recycling J&F, s.r.o.**  
Drazni 211  
CZ-562 04, Usti nad Orlici  
Contact: Ing. Jiří Faltys, [jiri@ridingsurface.com](mailto:jiri@ridingsurface.com)

**2. POSSIBLE HAZARDS**

No hazardous products under normal conditions.  
Combustion gases contain CO<sub>2</sub>.  
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, CO<sub>2</sub>, 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 <sup>-3</sup> , PP: 0.95 g.cm <sup>-3</sup>
<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. 11. 2017.