



446209, Samara Region, Novokuibyshevsk City, Polevaya street, building 1 E-mail: info@inhimtek.ru

Web: www.inhimtek.ru



1. Chemical Product Identification and Manufacturer Information		
Brand name	INNOWAX 272 oxidized Polyethylene Wax	
Technical name	Low-molecular homopolymer	
Manufacturer	INNOVATIVE CHEMICAL TECHNOLOGIES Ltd.	
Address	446209, Samara Region, Novokuibyshevsk City,	
	Polevaya street, building 1	
E-mail	info@inhimtek.ru	
Phone	+7 (846) 201 23 17	
2. Chemical Composition (Component Information)		
Chemical name	Low-molecular polyethylene	
Chemical formula	$(C_xH_{2x})_n(COOH)_y$	
CAS number	9002-88-4	
Assay	100%	
3. Potential Dangers		
Hazard class	IV according to GOST 12.1.007-76	
	Does not have any acute or chronic exposure. Dust inhalation can	
Health effects	cause reactive airway disease. Causes thermal burn when melted.	
	Biologically inert.	
Environmental hazards	Environmentally-friendly. In the environment acts as a non-	
	indigenous long-term decomposition element	
Other information	Low-flammable, evolves CO ₂ and irritants while burning. The product	
	is subject to electrostatic charging.	
4. First Aid Measures		
General conditions	Special measures are not required.	
Symptoms	Slightly-toxic, poisoning symptoms do not develop	
After inhalation	Take the person outside	
After eye contact	Wash with water, remove as any other mechanical impurity	
After skin contact	No reaction. Can cause thermal burn when melted.	
5. Fire Extinguishing Measures		
Fire extinguishers to be used	Small fire – dry powder, carbon dioxide or foam fire extinguishers.	
	Big fire – water spray, water mist or foam.	
Not to be used	Head water streamflow	
Special considerations in case	Burning evolves irritant gases and heavy smoke	
of fire	,	
Special explosion hazard	Dust particles production can be caused during manufacturing. If	
	they gather in large quantities, there can be a big explosion caused	
	by an open fire. Therefore, these places should be provided with	
	exhaust ventilation excluding open fire. Static electricity	
	neutralization from equipment should be provided.	
Firemen protection	Protective gear, breathing apparatus	

Personal safety, protection gear, emergency measures Prevention measures Do not drain spilt product. Interception and treatment methods and material 7. Treatment and Storage Follow all the fire-prevention measures (do not work with operemove potential ignition sources, prohibit smoking). Prevent opportunity in production and static voltage. Safe treatment 8. Restrictions and Sampling Inspection. Individual Protection Exposure control Exposure control Safe dust concentration limit in occupational air is 5mg/m³ Recommended method of dust concentration evaluation: gravimetric analysis, dust meter Collective protection: proper ventilation Individual protection: proper venewar, respirator, work we protective gloves 9. Physical and Chemical Properties Physical state at 20°C – solid substance Colour – white Smell – typically paraffin Degree of flammability –flammable Density at 25°C – 0.92-0.95 g/cm³ Water solubility at 20°C – soluble Melting point - 350°C Combustion value – 46-47 MI/kg⁻¹ Bulk weight – 500-550 kg/m³ 10. Persistence and reactive power Conditions to be avoided Decomposition products Acute effects Spilt product can cause slipping and falling. Avoid dusted place Policy for subject of the separate cont Recycle or recover the product according to onto decomposition products is not harmfup people and does not affect people's health. Long inhalation of decomposition products can cause headache and respiratory irritation.	ERIAL SAFETY DATA SHEET			
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Sensibility Does not have any sensitizing effect.	ibility	oes not have any sensitizing effect.		
Carcinogenicity, mutagenicity, carcinogenicity No proved CMR affect	- IN	o proved CMR affect		
12. Ecology Data				
Ecotoxicity The product is considered environmentally-friendly.				

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Duration/decomposition	In the environment acts as a non-indigenous long-term decomposition element. It is decomposed under ultraviolet radiation, is not soluble in water.	
13. Decontamination Measures		
Recommended decontamination and prevention measures	Avoid draining, recover mechanically. Reuse the product as a fuel.	
14. Transportation Information		
Transportation class	The product is not dangerous. Transportation without any restrictions.	
15. National and International Law Information		
Safety, health and environmental regulations / special legal regulations	Not available	
Product marking	Not required (the product is not referred to as 'dangerous')	
16. Other information		

The material safety data sheet is developed according to GOST 30333-2007. It contains data required to provide safety and health protection at work and to provide environment protection. These data do not substitute for a quality data sheet and cannot be considered warranty of the product fitness for a particular purpose. The customer bears responsibility for the compliance of the existing local legal regulations.