

SAFETY DATA SHEET

Polypropylene

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name :Polypropylene
Chemical Family :Polyolefin
C. A. S No :9010-79-1

Part II: Overview of risk

Risk categories:

Pathways:

Health hazards: their non-toxic, pay attention to the toxicity of different additives.

Pyrolysis products of acid, aldehyde and other eye, upper respiratory stimulation.

Environmental hazards:

Inhalation:

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CONTENT (Normal)	CAS NUMBER	EXPOSURE LIMITS IN AIR		
			ACGIH TLV-TWA	ACGIH TLV-STEL	IDLH
POLYPROPYLENE	99.25wt%	9010-79-1	10mg/m3 (inhalable fraction)	NA	NA
Proprietary additives	<=0.75wt%	Mixture			

Part IV: First Aid Measures

Skin contact:

Eye contact:

Inhalation: remove to fresh air. If breathing is difficult, give oxygen. For medical treatment.

Ingestion:

Part V: Fire-fighting measures

Hazardous characteristics: powder can form explosive mixtures with air, when a certain concentration and met Mars will be an explosion. Thermal decomposition flammable gases.

Hazardous combustion products:

Fire fighting methods: as far as possible to move containers from the scene empty Department. Extinguishing Media: Water spray, foam, dry powder, carbon dioxide, sand.

Fire precautions and measures:

Part VI: leak emergency

Emergency treatment: Isolation leak contaminated areas, restricting access. Cut off the fire source. Recommended emergency personnel wearing dust masks (full cover),

wearing protective clothing. With clean shovel collection in a dry, clean, covered containers, transferred to a safe place. If large spills, recycling or collection shipped to the waste disposal sites.

Part VII: Handling and Storage

Handling Precautions:

Storage: Store in a cool, ventilated warehouse. Away from fire and heat. Oxidants should be kept separate, sealed. Corresponding with the variety and quantity of fire-fighting equipment. Storage areas should be equipped with suitable host material spill.

Part VIII: Exposure Control / Personal Protection

Maximum allowable concentration: China MAX: 10; the former Soviet Union MAX: 10

Monitoring methods:

Engineering controls: closed operation. Provide good natural ventilation.

Respiratory protection: air concentrations exceeding the dust, it is recommended to wear self-absorption filter respirators.

Eye protection: when necessary, wearing chemical protective safety glasses.

Physical protection: wear protective clothing general operations.

Hand protection: Wear protective gloves general operations.

Other: no smoking scene work. Maintain good health habits.

Part IX: Physical and Chemical Properties

Appearance: white, odorless, tasteless solid.

PH:

Melting point (°C): 165-170

Boiling point (°C): Not available

Relative density (water = 1): 0.90-0.91

Relative vapor density (air = 1): Not available

Saturated vapor pressure (kPa): Not available

Heat of combustion (kJ / mol): Not available

Critical temperature (°C): Not available

Critical pressure (MPa): Not available

Octanol / water partition coefficient as: Not available

Flash point (°C): Not available

Ignition temperature (°C): 420 (powder cloud)

Explosion limit% (V / V): Not available

Explosive limit% (V / V): 20 (g/m³)

Solubility:

Main purpose: used as engineering plastics for the system TV, radio shell, electrical insulation, corrosion pipes, plates, tanks, etc., but also for woven bags, packaging films.

Other physical and chemical properties:

Part 10: Stability and reactivity

Stability:

Conditions to avoid:

INCOMPATIBILITY: Strong oxidizers.

Hazardous Polymerization:

Decomposition products:

Part XI: Toxicological Information

Acute toxicity: LD50: Not available, LC50: no information

Subacute and chronic toxicity:

Irritation:

Sensitization:

Mutagenicity:

Teratogenicity:

Carcinogenicity:

Other:

Part XII: Ecological Information

Ecotoxicological toxicity:

Biodegradation:

Non-biodegradable:

Bioconcentration or bioaccumulation of:

Other harmful effects:

Part XIII: Waste disposal

Nature of waste:

Methods of disposal: Disposal in state and local regulations. Proposed incineration disposal.

Waste Notes:

Part XIV: Transport Information

Dangerous Goods Code: no information

UN Number: Not available

Packaging signs:

Packing Group: Z01

Packaging: No information.

Transportation Note:

Part XV: Regulatory Information

National chemical safety regulations: Chemical Dangerous Goods Safety Management Regulations (February 17, 1987 the State Council), hazardous materials safety regulations implementation details (of labor [1992] No. 677), the workplace safe use of chemicals ([1996] Ministry of Labor No. 423) and other regulations for the safe use of hazardous chemicals, production, storage, transport, handling, etc. are made corresponding provisions; middle polypropylene plant air health standards (GB

16209-1996), workshop provided the substance in the air and the maximum allowable concentration detection methods.