SECTION I - 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

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CONTENT</th>
<th>CAS NUMBER</th>
<th>EXPOSURE LIMITS IN AIR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Normal)</td>
<td></td>
<td>ACGIH TLV-TWA</td>
</tr>
<tr>
<td>POLYPROPYLENE</td>
<td>99.25wt%</td>
<td>9010-79-1</td>
<td>10mg/m³ (inhalable fraction)</td>
</tr>
<tr>
<td>Proprietary additives</td>
<td>&lt;=0.75wt%</td>
<td>Mixture</td>
<td></td>
</tr>
</tbody>
</table>

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 (℃): 165-170
Boiling point (℃): 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 (℃): Not available
Critical pressure (MPa): Not available
Octanol / water partition coefficient as: Not available
Flash point (℃): Not available
Ignition temperature (℃): 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:
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.