



Material Safety Data Sheet



RAVLEK 100 CPE

Section 1 - Product and Company Identification

Supplier: Alpha Plastic Chemicals Ltd.

Telephone: +44 20 88 168 125

Product Name: RAVLEK 100 CPE

Property: Chlorinated Polyethylene

Product's Purpose: Impact Modification for PVC Products

Issue Date: 1st November 2009

Section 2 - Composition, Information on Ingredients

Chemical Name	Cas No.	Content(%)
Chlorinated Polyethylene	64754-90-1	100
Chlorine	7782-50-5	35
HDPE	9002-88-4	65

Section 3 – Hazards Identification

Emergency Risk & Noxiousness: No

Potential Health Effects:

Eye: No

Skin: No

Ingestion: Not Relevant

Inhalation: May cause respiratory tract irritation. Using mask is recommended when handling this product.

Chronic: No

Section 4 - First Aid Measures

Inhalation: Remove subject from exposure and move to fresh air.

Eye and skin contact: Flush or wash the contacted area with large amount of water and get medical attention if irritation persists

Ingestion: Material causes no harmful effects under normal circumstances. But, if vomiting occurs, get medical attention immediately.

Section 5 – Fire Fighting Measures

Flash Point: Not available

Auto ignition Temperature: Not available

Explosion Limits, lower: Not available

Explosion Limits, upper: Not available.

Extinguishing Media: Regular dry chemicals, carbon dioxide, water or regular foam. For large fires, use regular foam or flood with fine water spray.

Section 6 – Accidental Release Measures

For human health: Not relevant under normal temperature and pressure

For environment: Not relevant under normal temperature and pressure

Purification & Removal: Not relevant under normal temperature and pressure

Section 7 – Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes. Keep container tightly closed. Avoid ingestion.

Storage: Store in dry, ventilated warehouse. Keep from moisture. Keep from fire.

Section 8 – Exposure Controls, Personal Protection

Engineering Control: Not relevant under normal temperature and pressure

Personal Protection:

Respiratory protection: None required for normal operations

Eye protection: Safety glasses with side shields

Protective gloves: Recommended use impervious gloves to avoid irritation

Other protective equipment: Eyewash facility should be provided.

Spill or Leak Procedure

1. Steps to be taken in case material is released or spilled:

Sweep up and shovel into containers for recovery or disposal.

2. Waste disposal

Incinerate in approved equipment or bury in ground.

Section 9 – Physical and Chemical Properties

Appearance: Free flowing white powder

Odour: No

PH: 9

Solubility in water: Insoluble

Boiling Point: N/A

Melting Point: 180 - 190°C

Vapour Density: N/A

Specific Gravity (g/ml): 1.10-1.16

Evaporation Rate: N/A

Viscosity: Not Available

Molecular Weight: Not Available

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Water & Moisture & Fire

Incompatibilities with Other Materials: Has not been reported

Hazardous Decomposition Products: No possibility of decomposition under normal temperatures, however when set alight HCL released which is an irritant and acidic if combined with water.

Hazardous Polymerization: Has not been reported

Section 11 – Toxicological Information

No data is available on this polymer

Section 12 – Ecological Information

Not Available

Section 13 – Disposal Considerations

Disposal Method: Recycle or Dispose according to local regulations.

Section 14 – Transport Information

None regulated

Section 15 – Regulatory Information

Not Relevant

For More Information:

Alpha Plastic Chemicals

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