



## Material Safety Data Sheet



**RAVLEK 156 CPE**

### Section 1 - Product and Company Identification

**Supplier:** Alpha Plastic Chemicals Ltd.

**Telephone:** +44 20 88 168 125

**Product Name:** RAVLEK 156 CPE

**Property:** Chlorinated Polyethylene

**Product's Purpose:** Impact Modification for PVC Products

**Issue Date:** 1<sup>st</sup> 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

**Telephone:** +44 20 88 168 125