



Chlor Pars Company Producer Chlorine, Alkalis & Hydrogen peroxide

## Material Safety Data Sheet- Chlorinated paraffin

Code: QAD-MSDS-10-En

Rev:04

Issue Date: 04/08/2019

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### 1. IDENTIFICATION

**Product name:** chlorinated paraffin CPW 50/52

**Recommended use of the chemical and restrictions on use**

**Identified uses:** Plasticizers and flame retardant additive and Solvent

#### COMPANY IDENTIFICATION

Name Company: Chlor pars co

Address: 20Km of Tabriz-Tehran road, Tabriz – Iran

Telephone number: +98(041) 36300609

Fax number: +98(041)3364431, 36300611

Web: www.chlorpars.com

### 2. HAZARDS IDENTIFICATION

#### Hazard classification

Irritating to eyes, respiratory system and skin

#### Label elements



Signal word: **DANGER!**



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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product name:** chlorinated paraffin, CPW 50/52

**Recommend use:** Plasticizers and flame retardant

**CAS No:** 85535-84-8

Cl=50-52

**Chemical formula:**  $C_nH_{2n+2-y}Cl_y$  (n=10-13), %

**Ingredient:** % 50-52 Chlorine, Liquid CPW

### 4. FIRST AID MEASURES

#### Inhalation

Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical assistance if effect persists.

#### Eye contact

Immediately wash with a large quantity of water for at least 15 minutes. Seek medical assistance if effect persists.

#### Skin contact

Immediately wash the affected area with copious quantities of water and soap for at least 15 minutes. Seek medical assistance if irritation persists

#### Ingestion

Give water to drink and induce vomiting. Use fingers in the throat. Seek immediate medical assistant.

### 5. FIREFIGHTING MEASURES

**Flash point & methods used:** > 232°C

**Flame limits in air:** % by vol. Lower: Nil

**Flame limits in air:** % by vol. Upper: Nil



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**Suitable extinguishing media:** Normal foam, dry agent(carbon dioxide,dry chemical powder)

**Hazards from combustion product:** Combustible material. On burning will emit toxic

## 6. ACCIDENTAL RELEASE MEASURES

### Step if material released / spills

Wear protective equipment, dike area. Prevent material from entering waterway. Use absorbent material, shovel into disposal container or pump material into reclaim container from disked area.

### Waste disposal methods

Accordance with the rules and regulations of each country

### Mopping

Mix with a slightly moist absorbent like sand, earth or sawdust. Shovel into waste container. Remove waste from workplace.

### Special precautions

Wear slip resistant footwear. Material is slippery and conductive to falls.

## 7. HANDLING AND STORAGE

### Container stronger

Store in lacquer coated mild steel or high density polyethylene containers. Avoid mild steel, PVC or low alloy steel.

### Material to avoid

Avoid highly reactive elements such as the alkali and alkaline earth metals, which have a strange affinity for halogens. Avoid strong oxidizing and reducing agents.

### Conditions to avoid

Do not store near open flame or heat. Store in well-ventilated area. Use local exhaust if necessary. Do not in temperatures above 40°C

### Other precautions

Do not wear contaminated.



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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Respiratory protection

Not required under normal conditions. NIOSH/MSHA approved respirator appropriate for exposure of concern.

#### Hand protection

Impervious gloves are recommended.

#### Eye protection

Chemical work goggles and full length shield recommended.

#### Body protective

Long sleeve and trousers recommended.

#### Other protective Equipment

Eye wash, safety shower be always available and used whenever

### 9-PHYSICAL & CHEMICAL PROPERTIES

**Physical state** :Liquid

**Oder**: Low

**Solubility**: Insoluble in water

**Specifice gravity**: 1.3 in 25°C

**Flash Point**: 166°C

**Flammability Limits(%)**:Not available

**Auto ignition Temperature**: Not available

**Boiling Point**:>200°C Decompose below Boiling Point

**Freezing Point(°C)** : -30 to -10 (pour Point)



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### 10-Stability and reactivity

**Stability:** stable at normal temperature and strong conditions.

**Thermal decompositions:** rapid above 180°C with liberation of HCl and carbon monoxide.

**Hazardous polymerization:** will not occur.

**Conditions & material to avoid:** Avoid heat, iron, zinc, aluminum.

### 11-Toxicological information

Oral LD50 >4000mg/kg

Skin: Mild irritation

Eyes: Mild irritation

### 12. ECOLOGICAL INFORMATION

**Eco toxicity:** Avoid contaminating waterways

**Aquatic toxicity:** very toxicity to aquatic organisms. May cause long term adverse effects in aquatic environment

### 13. DISPOSAL CONSIDERATIONS

**Disposal method:** Dispose of material through a licensed contracted.

### 14. TRANSPORT INFORMATION

Non – Regulated

### 15-REGULARATY INFORMATION:

R, 36/37/38 irritating to eyes, respiratory system and skin

S 24/25 in case of insufficient ventilation, wear suitable.

### 16. OTHER INFORMATION

NFPA:

Health: 1

Flammability: 0

Reactivity: 0