



Chlor Pars Company Producer Chlorine, Alkalis & Hydrogen peroxide

Material Safety Data Sheet- Chlorinated paraffin

Code: QAD-MSDS-10-En

Rev:03

Issue Date: 04/08/2019

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Quality Assurance

Approved

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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

Chemical formula: $C_nH_{2n+2-y}Cl_y$ (n=10-13), % Cl=50-52

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:

Heath: 1

Flammability: 0

Reactivity: 0