



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: **Westco CP-70**

Other means of identification:

Product Description: C18-C25 Long Chain Chlorinated Paraffin, Flame Retardant
Synonyms: C18-C25 Long Chain Chlorinated Paraffin, Chlorinated Paraffin 70%

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Chlorinated paraffins are used for a wide range of industrial applications such as flame retardants or plasticizers.

Chemical distributor, or other responsible party Name, address, and telephone number:

Distributor Name: Western Reserve Chemical Corporation
Address: 4837 Darrow Road
Stow, OH 44224
USA
General Phone Number: 330 650 2244
General Fax Number: 330 650 2255

Emergency phone number:

Emergency Phone Number: Chemtrec 1 800 424 9300 USA
Website: www.wrchem.com

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

GHS Pictograms:



Signal Word: **WARNING!**
GHS Class: Skin Irritant, Category 3. Eye Irritant, Category 2B. Respiratory tract irritant. Acute Toxicity Oral, Category 4.
Hazard Statements: Causes irritation to eyes, respiratory system, and skin. Harmful if swallowed.
Precautionary Statements: * Do not breathe dust/fume/gas/mist/vapours/spray.
* Avoid contact with skin and eyes.
* Wear suitable protective clothing, gloves, and eye/face protection.

Hazards not otherwise classified that have been identified during the classification process:

Chlorinated Paraffin (70%)

Emergency Overview: * Irritant.
* Avoid contact with the skin and the eyes and respiratory system..
* Harmful if swallowed.
Route of Exposure: Eye contact; Inhalation; Ingestion
Eye: May cause irritation including watering, redness and stinging. Not expected to be a hazard in normal use.
Skin: May cause skin irritation including itching and redness. Not expected to be a hazard in normal use.
Inhalation: May cause irritation of respiratory tract. Inhalation of vapors/ fumes generated by heating the product may cause respiratory irritation resulting in throat discomfort or difficulty breathing.
Ingestion: Harmful if swallowed.
Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
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Chlorinated Paraffin (70%)	63449-39-8	99-100% by weight	
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SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact: Rinse for 10 minutes with plenty of running water. Seek medical assistance.

Skin Contact: Rinse with water and soap and seek medical advice.

Inhalation: Move the patient to open air and remove contaminated clothing and rest until recovered.

Ingestion: Rinse mouth with water and drink copious quantities of water. Do not induce vomiting. Seek immediate medical assistance.

Indication of immediate medical attention and special treatment needed:

Note to Physicians: Advice to doctor: Treat symptomatically.

Notes : No hazards which require special first aid measures. In cases of doubt or If you feel unwell, seek medical advice.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media: Dry chemical, foam, water fog

Unsuitable extinguishing media: high volume water jet.

Unusual Fire Hazards: Irritating and toxic gases or fumes may be released during a fire.

Special protective equipment and precautions for fire-fighters:

Protective Equipment: As in any fire, wear positive pressure self-contained breathing apparatus, MSHA/NIOSH approved or equivalent and full protective gear.

Fire Fighting Instructions: Clear area of all non-emergency personnel. Do not enter confined fire space without full bunker gear. Use water spray to cool unopened containers. Move containers from fire area if you can do it without risk.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personnel Precautions: Use personal protective equipment. Ensure adequate ventilation. Do not touch or walk through spilled material. Keep unnecessary personnel away.

Environmental precautions:

Environmental Precautions: No special environmental precautions required. Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up:

Methods for containment: Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Stop leak if you can do so without risk. Cover with plastic sheet to prevent spreading. If sweeping of a contaminated area is necessary, use a dust suppressant agent.

Methods for cleanup: Wear appropriate protective equipment and clothing during clean-up. Attempt to reclaim the free product, if this is possible. Avoid the generation of dusts during clean-up. Cover powder spill with plastic sheet or tarp to minimize spreading. Vacuum or sweep up material and place in a disposal container.

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling: The product is best transferred into container tightly closed.
. Use only with adequate ventilation.
To minimize static discharge when transferring, ensure electrical continuity by bonding and grounding all equipment. Use an inlet line diameter of at least 3.5 inches (8.9 centimeters) with a maximum flow rate of 1 meter/second.

Hygiene Practices: General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities:

Storage: Do not store above 49 deg C/120 deg F. Keep container tightly closed & upright when not in use to

prevent leakage.

Storage life: In excess of 2 years if stored in accordance with recommendations given above.

Specific end use(s):

Work Practices:

- * Safety showers and eye wash stations should be available.
- * This product may cause irritation to the eyes.
- * Keep in a well-ventilated place.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Chlorinated Paraffin (70%):

Guideline Info: No Information Provided.

USA: No Information Provided.

Appropriate engineering controls:

Engineering Controls: Install local exhaust fan ventilator or use organic vapor mask. Ventilation should effectively remove and prevent buildup of any vapor/mist/fume/dust generated from the handling of this product.

Individual protection measures:

Eye/Face Protection: Safety glasses. Eyewash station in work area.

Skin Protection Description: Protective clothing if skin contact is expected.

Hand Protection Description: Chemical resistant gloves.

Respiratory Protection: A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

PPE Pictograms:



Notes :

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

Exposure standards: No value assigned by worksafe for this material. Avoid repeated or prolonged exposure to vapor or mist without appropriate respiratory protection.

Flammability: Non flammable.

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Form: Solid
Appearance: Powder, flake or granular

Color: White to light yellowish

Odor: Mild phenolic

Melting Point: 221 - 248 deg F

Specific Gravity: 1.6 x 103 Kg/M3 (at 25 deg C)

Solubility: Turpentine: Insoluble
Xylene: Soluble
High Flash: Soluble
Water: Insoluble

Percent Volatile: 1.0% Maximum

pH: 6-7

Explosive Properties: Dusts at sufficient concentrations can form explosive mixtures with air.

Oxidizing Properties: None

SECTION 10 : STABILITY and REACTIVITY

Reactivity:

Reactivity: Will not occur.

Chemical Stability:

Chemical Stability: Stable at normal conditions

Conditions To Avoid:

Conditions to Avoid: Avoid free flames

Incompatible Materials:

Incompatible Materials: Strong oxidizing agents, reducing agents.

Hazardous Decomposition Products:

Special Decomposition Products: Carbon oxides, hydrogen chloride gas. Thermal decomposition can lead to release of irritating gases and vapors.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Chlorinated Paraffin (70%):

Ingestion:	Oral toxicity: Acute: Rat - NOAEL: 1715 mg/kg/day
Sensitization:	Non-sensitization
Subchronic Effects:	Subchronic toxicity: 90 day, Rats, NOAEL: 900 mg/kg/day
Carcinogenicity:	Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, OSHA.
Mutagenicity:	Rat 5000 mg/kg/day; In vivo cytogenetic evaluation by analysis of bone marrow did not product any increase in frequency of chromosome or chromatid abnormalities. Not clastogenic. Did not show mutagenic effects in animal experiments. No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive Toxicity:	400 mg/kg/day, diet produced internal hemorrhaging in pups, NOAEL: 8 mg/kg. day
Teratogenicity:	No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
Neurological Effects:	Neurotoxicity: No data available for this product.

SECTION 12 : ECOLOGICAL INFORMATION

Chlorinated Paraffin (70%):

Ecotoxicity:	
Ecotoxicity:	This product has no known eco-toxicological effects. This material is not expected to be harmful to aquatic life.
Environmental Stability:	Ecological injuries are not known or expected under normal use. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal
Persistence and degradability:	
Biodegradation:	Not readily biodegradable.
Other adverse effects:	
Effect of Material On Aquatic Life:	Aquatic toxicity: Ecological injuries are not known or expected under normal use.

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal:	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4(b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Waste from residues/unused products: Dispose of in accordance with local regulations.
Contaminated Packaging:	Do not re-use empty containers.
Chlorinated Paraffin (70%):	
Waste Disposal:	Dispose of in accordance with applicable federal, state and local regulations. Waste generators must determine whether discarded material is to be classified as a hazardous waste. If released into the environment, the user must determine whether it should be reported to the appropriate authorities.
Contaminated Packaging:	Do not re-use empty containers.

SECTION 14 : TRANSPORT INFORMATION

DOT Hazard Class:	Chlorinated paraffin not regulated as dangerous goods.
DOT Pictograms:	
IATA Hazard Class:	Chlorinated paraffin not regulated as dangerous goods.
IATA Pictograms:	
IMDG Hazard Class :	Chlorinated paraffin not regulated as dangerous goods.
ADR Hazard Class:	Chlorinated paraffin not regulated as dangerous goods.
RID Hazard Class :	Chlorinated paraffin not regulated as dangerous goods.

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

Chlorinated Paraffin (70%) :

TSCA Inventory Status: All components of this product are listed in the TSCA inventory of Chemical Substances.

SARA: This product does not contain any material regulated under Title III, Section 313 Section 302: None found Sections 311/312: Delayed Hazard

State Regulations: MA, NJ, PA RTK – Not regulated

California PROP 65: Non regulated.

Risk Phrases: * R22 - Harmful if swallowed.
* R36/37/38 - Irritating to eyes, respiratory system and skin.

Safety Phrase: * S23 - Do not breathe fumes/dust.
* S24/25 - Avoid contact with skin and eyes.
* S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.



SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 1
HMIS Fire Hazard: 1
HMIS Reactivity: 0
HMIS Personal Protection: J

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	J

SDS Revision Date: June 22, 2015

Notes : Important Note: This information relates to the specific product described herein and may not be valid for this material when used in combination with other raw materials. The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.

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