



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: CPW 100

Chemical Name: Alkanes, chlorinated

Recommended Use: Rubber Additive

Recommended Restrictions: None known.

Manufactured for and supplied by:

Supplier: Harwick Standard Distribution Corporation

Supplier Address: 60 S. Seiberling Street, Akron, OH 44305

Contact: Health, Safety & Environment

Telephone: 330-798-9300

Website: www.harwickstandard.com

SECTION 2 – HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture:

Physical hazards: Not classified

Health hazards: Not classified

Environmental hazards: Not classified

OSHA defined hazards: Not classified

GHS Label Elements:

Hazard symbol: None

Signal word: None

Hazard Statements:

The substance does not meet the criteria for classification.

Precautionary Statements:

Prevention: Observe good industrial hygiene practices.

Response: Wash hands after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of contents/container in accordance with local regulation.

Hazard(s) not otherwise classified (HNOC): Not applicable, non-combustible. ASTM E1226

Supplemental information: None



SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture:

<u>Components</u>	<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Weight%</u>
	Alkanes, C20-28, chloro	63449-39-8	100

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4 – FIRST AID MEASURES

Eye contact: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

Inhalation: Get medical attention, if needed.

Skin contact: Get medical attention if irritation develops or persists. Wash with soap and water.

Ingestion: Rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If ingestion of a large amount does occur, seek medical attention.

Most important symptoms/effects, acute and delayed:

Direct contact with eyes may cause temporary irritation.

General information: No hazards which require special first aid measures.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing method: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂)

Unsuitable extinguishing method: High volume water jet.

Specific hazards arising from chemical: Irritating and toxic gases or fumes may be released during a fire.

Special firefighting equipment and precautions for firefighters: In the event of a fire, wear self-contained breathing apparatus.

Firefighting equipment/instructions: As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to cool unopened containers.

Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials.



General fire hazards: No unusual fire or explosion hazards notes. This product is not flammable.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Ensure adequate ventilation. For personal protection, see Section 8 of the SDS. Use personal protective equipment.

Methods and materials for containment and cleaning up:

Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Cover powder spill with plastic sheet or tarp to minimize spreading. This product is miscible in water. Following product recovery, flush area with water. Attempt to reclaim the free product, if this is possible. For waste disposal, see Section 13 of the SDS. Wear appropriate protective equipment and clothing during clean-up. Vacuum or sweep up material and place in a disposal container. If sweeping of a contaminated area is necessary, use a dust suppressant agent.

Environmental precautions: Prevent further leakage or spillage if safe to do so.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Do not handle or store near an open flame, hear or other sources of ignition. Provide appropriate exhaust ventilation at places where dust is formed. Avoid prolonged or repeated skin contact with this material. Wash hands after handling and before eating. Use care in handling/storage.

Conditions for safe storage, including any incompatibilities: Keep away from heat, sparks, and flame. Store in original tightly closed container. Keep container closed when not in use. Store away from incompatible materials (See Section 10 of SDS). Store in a cool, dry place.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: No exposure limits noted for ingredient(s).

Biological limit values: No biological exposure limits noted for the ingredient(s).

Exposure guidelines: Dust standard – 15 mg/m³

Appropriate engineering controls: Ventilation should effectively remove and prevent buildup of any vapor/mist/fume/dust generated from the handling of this product.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Safety glasses with side-shields.

Skin protection:

Hand protection: For prolonged or repeated skin contact, use suitable protective gloves.

Other protection: Wear suitable protective clothing.



Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided. Dust safety masks are recommended when the dust concentration is more than 10 mg/m³.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: Always observe good personal hygiene measures such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Solid White Powder, Flake, Granular
Odor:	None
Odor threshold:	Not available
pH:	Not available
Melting Point/Freezing Point:	221 -248°F (105 – 120°C)
Initial Boiling Point/Range:	Not available
Flash Point:	392°F (200°C)
Evaporation Rate:	Not available
Flammability (solid, gas):	Not available
Upper/lower Flammability	
Explosion Limits:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Relative Density:	1.6 g/cm ³ @ 25°C
Solubility (water):	0.01 mg/l @ 20°C
Partition Coefficient:	Not available
(n-octanol/water)	
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available
Density:	1.00 g/cm ³ estimated
Explosive Properties:	Not applicable, non-combustible. ASTM E1226
Flash Point class:	Combustible IIIB
Specific Gravity:	1.6 @ 25°C

SECTION 10 - STABILITY & REACTIVITY

Reactivity: This product is stable and non-reactive under normal conditions of use, storage and transport.



Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents, reducing agents.

Hazardous decomposition products: Carbon oxides, hydrogen chloride gas. Thermal decomposition can lead to release of irritating gases and vapors.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

- Ingestion:** Due to lack of data the classification is not possible.
Inhalation: Due to lack of data the classification is not possible.
Skin Contact: No adverse effects due to skin contact are expected.
Eye Contact: Due to lack of data the classification is not possible.

Symptoms related to the physical, chemical and toxicological characteristics:

Direct contact with eyes may cause temporary irritation.

Acute Toxicity: Not available.

Skin irritation/Corrosion: Prolonged skin contact may cause temporary irritation.

Serious eye damage/Eye irritation: Due to lack of data the classification is not possible.

Respiratory or Skin Sensitization:

- Skin:** This product is not expected to cause skin sensitization.
Respiratory: Due to lack of data the classification is not possible.

Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: Risk of cancer cannot be excluded with prolonged exposure.

OSHA Specifically Regulated Substances (2 CFR 1910.1001-1050): Not listed.

Reproductive toxicity: Due to lack of data the classification is not possible.

Specific target organ toxicity-single exposure: Due to lack of data the classification is not possible.

Specific target organ toxicity-repeated exposure: Classification not possible.



Aspiration hazard: Due to lack of data the classification is not possible.

Chronic effects: Prolonged exposure may cause chronic effects.

Further information: This product has no known adverse effect on human health.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: This product has no known eco-toxicological effects.

Product		Species	Test Results
CPW 100			
Aquatic			
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>)	> 100 mg/l, 96 hours
		Rainbow trout, Donaldson trout (<i>Oncorhynchus mykiss</i>)	> 300 mg/l, 96 hours
			0.06 – 0.08 mg/l, 96 hours

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Alkanes, C20-28, chloro (CAS 63449-39-8)			
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Persistence and degradability: Not readily biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal instructions: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with federal, state and local regulations. May be disposed of as waste food ingredient.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. DOT (Land): Not regulated as dangerous goods for transport.



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IMO/IMDG (Sea): Not regulated as dangerous goods for transport.

IATA/ICAO (Air): Not regulated as dangerous goods for transport.

SECTION 15 - REGULATORY INFORMATION

U.S.:

United States TSCA Inventory: All components are listed.

SARA 313: This product does not contain a chemical listed at or above de minimis concentrations subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

US California Prop 65: This material does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16 - OTHER INFORMATION

Issue date: 10-30-2015

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Version #: 02

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