



## SAFETY DATA SHEET

### SECTION 1 : IDENTIFICATION

Product identifier used on the label:

**Product Name:** Westco SP-120 DLD

Other means of identification:

**Product Description:** WESTCO™ SP-120 DLD is a 70% active mixture of non-staining styrenated phenol antioxidants/antiozinants on an inert carrier.

**Synonyms:** Styrenated Phenol 70% Dry Liquid Dispersion

Recommended use of the chemical and restrictions on use:

**Product Use/Restriction:** WESTCO™ SP-120 DLD provides good thermal stability in synthetic and natural rubbers, like NR, SBR, NBR, and CR.

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 Irritation, Category 2  
Eye Irritation, Category 2A  
Skin Sensitization, Category 1A

**Hazard Statements:**  
\* Causes serious eye irritation.  
\* Causes skin irritation.  
\* May cause an allergic skin reaction.

**Precautionary Statements:**  
\* Wash hands thoroughly after handling.  
\* Wear protective gloves/protective clothing/eye protection/face protection.  
\* Do not breathe dust/fume/gas/mist/vapours/spray.  
\* Contaminated work clothing should not be allowed out of the workplace.  
\* IF ON SKIN: Wash with plenty of soap and water.  
\* If skin irritation occurs: Get medical advice/attention.  
\* Take off contaminated clothing and wash before reuse.  
\* IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
\* If eye irritation persists: Get medical advice/attention.  
\* If skin irritation or rash occurs: Get medical advice/attention.

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

**Route of Exposure:** Eyes. Skin. Inhalation. Ingestion.

**Eye:** Product could cause redness, tearing, and swelling of the eyes with a burning sensation.

**Skin:** Hazardous if absorbed through the skin.

**Inhalation:** Exposure may result in upper respiratory irritation.

**Ingestion:** Ingestion of large amounts could cause liver or kidney damage.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
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Phenol, styrenated	61788-44-1	70 %
Precipitated Hydrated Amorphous Silica	112926-00-8	30 %

## SECTION 4 : FIRST AID MEASURES

### Description of necessary measures:

<b>Eye Contact:</b>	In case of contact with eyes, flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
<b>Skin Contact:</b>	Remove contaminated clothes/shoes and wipe excess from skin. Flush skin with water. Follow by washing with soap and water for at least 10 minutes or until material is no longer present. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. It is not recommended to remove resin from skin with solvents. Solvents only increase contact and dry the skin.
<b>Inhalation:</b>	If inhaled, immediately remove the affected person to fresh air. If breathing is irregular or stopped, administer artificial respiration. Seek medical attention.
<b>Ingestion:</b>	If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do not induce vomiting unless directed by medical personnel to do so.

## SECTION 5 : FIRE FIGHTING MEASURES

### Suitable and unsuitable extinguishing media:

**Suitable Extinguishing Media:** Dry chemical, foam, carbon dioxide, water fog.

### Specific hazards arising from the chemical:

<b>Hazardous Combustion Byproducts:</b>	Carbon monoxide and carbon dioxide.
<b>Unusual Fire Hazards:</b>	Irritating or toxic gases may be generated from decomposition/combustion products. Under low oxygen conditions, carbon monoxide may be produced.

### Special protective equipment and precautions for fire-fighters:

<b>Protective Equipment:</b>	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Fire Fighting Instructions:</b>	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

**Personal Precautions:** Personal Precautions, Protective Equipment and Emergency Procedures: Avoid contact with skin and eyes. Wear suitable protective clothing. Avoid inhalation of vapors or mists.

### Environmental precautions:

**Environmental Precautions:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Block any potential routes to water systems.

### Methods and materials for containment and cleaning up:

<b>Methods for containment:</b>	Evacuate the area promptly and keep upwind of the spilled material. Isolate the area to prevent people from entering. Persons not wearing appropriate protective equipment should be excluded from the area until cleanup has been completed. Eliminate sources of ignition including sources of electrical, static or frictional sparks. Absorb spill with inert material. Shovel the material into appropriate container for disposal.
<b>Methods for cleanup:</b>	Shovel the material into appropriate container for disposal.

## SECTION 7 : HANDLING and STORAGE

### Precautions for safe handling:

<b>Handling:</b>	Keep container tightly closed. Provide adequate ventilation as well as local exhaust at critical locations. Avoid contact with skin and eyes. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner or disposed of.
<b>Hygiene Practices:</b>	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling dust, vapor or mist. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.
<b>Special Handling Procedures:</b>	<b>Storage and Handling:</b> Avoid excessive heat and keep away from strong oxidizing agents. Avoid breathing process fumes and dusts. Use under well-ventilated conditions.

Conditions for safe storage, including any incompatibilities:

**Storage:** Store at ambient temperature.

**Specific end use(s):**

**Work Practices:** Safety showers and eye wash stations should be available.

## SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

#### Appropriate engineering controls:

**Engineering Controls:** Provide adequate ventilation as well as local exhaust at critical locations. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

#### Individual protection measures:

**Eye/Face Protection:** Safety glasses (ANSI rated). Chemical goggles or faceshield (if splashing is possible).

**Skin Protection Description:** Apron or coveralls should be used to prevent contact with skin or clothing.

**Hand Protection Description:** Glove Recommendations: Use of butyl rubber or nitrile gloves is recommended.

**Respiratory Protection:** Use a chemical cartridge respirator for concentrations exceeding the occupational exposure limit. Respirators should be selected by and used under the direction of a trained health and safety professional following the requirements found in OSHA's respirator standard (29CFR1910.134) and ANSI's standard for respiratory protection (Z88.2-1992). A written respiratory protection program to include provisions for medical certification, training, fit testing, exposure assessments, maintenance, inspection, cleaning and storage must be implemented.

**Other Protective:** Protective Materials: Eyewash fountains and emergency showers are required. Use effective housekeeping measures and good industrial hygiene practices in handling this material.

#### **PPE Pictograms:**



## SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

### PHYSICAL AND CHEMICAL PROPERTIES:

**Physical State:** Solid

**Color:** Off white

**Odor:** Phenolic odor

**Odor Threshold:** Not Available

**Boiling Point:** Not available  
Boiling Point Range: Not available

**Melting Point:** Not Available

**Density:** Not Available

**Specific Gravity:** 1.1910

**Solubility:** negligible

**Vapor Density:** N/A

**Vapor Pressure:** Not Available

**Evaporation Rate:** Not Available

**Flash Point:** Not Available

**Lower Flammable/Explosive Limit:** Not Available

**Upper Flammable/Explosive Limit:** Not Available

**Auto Ignition Temperature:** Not Available

#### 9.2. Other information:

**Notes :** Flammability (solid, gas): Not available

## SECTION 10 : STABILITY and REACTIVITY

### Reactivity:

**Reactivity:** No known hazardous reactions.  
Possibility of Hazardous Reactions: Will not occur.

### Chemical Stability:

**Chemical Stability:** Stable under normal conditions.

### Conditions To Avoid:

**Conditions to Avoid:** Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

### Incompatible Materials:

**Incompatible Materials:** This product may react with oxidizing agents. Avoid contact with acids.

Hazardous Decomposition Products:

**Special Decomposition Products:** Thermal decomposition products: Upon decomposition, this product emits acrid dense smoke with carbon dioxide, carbon monoxide and other products of combustion.

**SECTION 11 : TOXICOLOGICAL INFORMATION**

TOXICOLOGICAL INFORMATION:

**Acute Toxicity:** Immediate Effects: No information on significant adverse effects.

**Sensitization:** Respiratory Sensitization: No data available.  
Dermal Sensitization: No data available.

**Chronic Effects:** Delayed Effects: No information on significant adverse effects.

**Mutagenicity:** Germ Cell Mutagenicity: No data available.

**Reproductive Toxicity:** No data available

**Phenol, styrenated :**

**Skin:** Dermal LD50 Rabbit: > 7940 mg/kg

**Ingestion:** Oral LD50 Rat: 2500 mg/kg

**SECTION 12 : ECOLOGICAL INFORMATION**

Ecotoxicity:

**Ecotoxicity:** No ecological data available for this product. refer to section 6 for information regarding accidental releases and section 15 for regulatory reporting information

**SECTION 13 : DISPOSAL CONSIDERATIONS**

Description of waste:

**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.

**Contaminated Packaging:** Please ensure that packaging, including drums, are disposed of in a responsible manner and in accordance with federal, and your state's, solid/hazardous waste regulations. Due to more restrictive waste disposal regulations, NEVER wastetreat or dispose of material until you check your appropriate local, state, & federal regulations for requirements.

**SECTION 14 : TRANSPORT INFORMATION**

**DOT Shipping Name:** Not DOT Regulated.

**DOT Pictograms:**



**IATA Shipping Name:** Non regulated.

**IATA Pictograms:**



**Canadian Shipping Name:** Non regulated.

**ICAO Shipping Name:** Non regulated.

**SECTION 15 : REGULATORY INFORMATION**

Safety, health and environmental regulations specific for the product:

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

**SARA:** Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories  
Hazards: Acute  
Section 313: See Section 2 of MSDS.

**CERCLA Section 302:** 1000 lbs (454 kg) final RQ

**Risk Phrases:**  
\* R36 - Irritating to eyes.  
\* R38 - Irritating to skin.  
\* R43 - May cause sensitization by skin contact.

**Safety Phrase:** S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S28 - After contact with skin, wash immediately with plenty of water. S23 - Do not breathe gas/fumes/vapour/spray.



**SECTION 16 : ADDITIONAL INFORMATION**

HMIS Ratings:

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

<b>Health Hazard</b>	<b>1</b>
<b>Fire Hazard</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>J</b>

SDS Revision Date: July 22, 2016

**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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