



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: Westco PL-900

Other means of identification:

Product Description: Westco PL-900 is a highly effective anti-reversion agent for NR, NBR, IR, (H)IIR, SBR and BR and their blends.

Synonyms: 1,3-bis(Citraconimidomethyl)benzene

Recommended use of the chemical and restrictions on use:

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: Eye Damage, Category 1. Skin Sensitizer, Category 1. Specific Target Organ Toxicity, Repeated Exposure, Category 2. Skin Sensitizer, Category 1A. Acute oral, dermal and inhalation toxicity, Category 4. Hazardous to the aquatic environment.

Hazard Statements: Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye damage. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.

Precautionary Statements: Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

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

Potential Health Effects: This material is harmful by inhalation, when in contact with the skin and if it is swallowed.

Eye: Risk of serious damage to eyes.

Skin: Contact with skin can cause allergic reaction (sensitization) in some individuals.

Inhalation: Repeated or prolonged inhalation may cause toxic effects.

Ingestion: Harmful if swallowed.

Chronic Health Effects: Long term exposure causes serious harm to health.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
1,3-bis(Citraconimidomethyl)benzene	119462-56-5	100 %	

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
Skin Contact:	Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. Wash off with soap and plenty of water. Get medical attention, if irritation or symptoms of overexposure persists.
Inhalation:	If inhaled, remove to fresh air. Consult a physician if symptoms persist.
Ingestion:	Rinse mouth. Drink plenty of water. Seek medical attention.

SECTION 5 : FIRE FIGHTING MEASURES

Specific hazards arising from the chemical:

Hazardous Combustion Byproducts:	nitrogen oxides
Unusual Fire Hazards:	Hazardous Decomposition Products: In case of fire-generated toxic smoke, hydrogen cyanide (HCN), nitrosyl gas may be produced.

Special protective equipment and precautions for fire-fighters:

Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
Fire Fighting Instructions:	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:	Avoid breathing dust or particulates. Evacuate personnel to safe areas. Use proper personal protective equipment as listed in Section 8.
Environmental precautions:	
Environmental Precautions:	Avoid release to the environment.
Methods for cleanup:	Clean-up: Collect as much as possible in a clean container, in order to re-use (preferred) or disposal.

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling:	Avoid dust formation. Avoid contact with skin, eyes, nostrils and mouth. Wear PPE as described in Section 8.
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Conditions for safe storage, including any incompatibilities:

Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.
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Specific end use(s):

Work Practices:	Wash hands and arms frequently. Shower after exposure. Wash work clothes when soiled. Safety showers and eye wash stations should be available. Material is flammable. Avoid smoking, keep away from open flames and sources of static or electrical sparking.
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SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Appropriate engineering controls:

Engineering Controls:	Use appropriate engineering controls such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
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Individual protection measures:

Eye/Face Protection:	Chemical splash goggles.
Skin Protection Description:	Long sleeved clothing.
Hand Protection Description:	Protective gloves.
Respiratory Protection:	Use respiratory protection in accordance with your company's respiratory protection program, local regulations and OSHA regulations under 29 CFR 1910.134.

PPE Pictograms:



Notes : Use personal protective equipment as specified by employer.

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:	Solid
Physical State Appearance:	Powder or Granule
Color:	Off white
Odor:	Characteristic odor
Boiling Point:	280.0 l
Melting Point:	75.0 ~ 90.0 l
Density:	1.28 g/cm ³ ,
Solubility:	40.7 mg / l (20 l)
Vapor Pressure:	5.10-5.90 Pa (25 ° C)
pH:	Not determined.
Flash Point:	> 360 ° C (closed cup)
Explosive Properties:	Not explosive.

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:

Chemical Stability: Stable under normal temperatures and pressures.
Stabile at recommended storage and handling conditions. (See Section 7)

Conditions To Avoid:

Conditions to Avoid: No specific recommendations.

Incompatible Materials:

Incompatible Materials: No specific recommendations.

Hazardous Decomposition Products:

Special Decomposition Products: No hazardous decomposition products.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Acute Toxicity:	The rat oral (LD50):> 2000 mg / kg. Rat skin (LD50):> 2000 mg / kg.
Eye:	strong stimulation.
Skin:	no stimulus. Skin contact can cause allergies.
Sensitization:	May cause allergic skin reaction.
Mutagenicity:	Ames genotoxicity tests: does not cause mutations.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicity: Fish 96h-LC50 (rainbow trout): 0.17 mg / l,
No significant effect concentration (NOEC): 0.066 mg / l.
Daphnia 48h-EC50 (Daphnia): 2.06 mg / l,
No significant effect concentration (NOEC): 0.74 mg / l.
Algae 96h, the IC50: 20 mg of / l
No significant effect concentration (NOEC): <7.9 mg / l.

Persistence and degradability:

Biodegradation: Non-biodegradable hydrolysis: t_{1/2} = 68.5 hours (PH 7,26 **l**)
Degradation of biological modified Sturm test: 31% within 28 days, 80% in 73 days (inherent biodegradability) MITI: not readily biodegradable.

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal: Dispose of in accordance with Local, State, and Federal regulations.

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: 1,3-bis(Citraconimidomethyl)benzene
DOT UN Number: 3077
DOT Hazard Class: 9
DOT Packing Group: III
DOT Pictograms: 

IATA Shipping Name: 1,3-bis(Citraconimidomethyl)benzene
IATA UN Number: 3077
IATA Hazard Class: 9
IATA Packing Group: III
IATA Pictograms: 

IMDG UN Number : 3077
IMDG Shipping Name : 1,3-bis(Citraconimidomethyl)benzene
IMDG Hazard Class : 9
IMDG Packing Group : III

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

US Federal: No Information Provided.

Risk Phrases: R25 - Toxic if swallowed. R33 - Danger of cumulative effects. R41 - Risk of serious damage to eyes. R43 - May cause sensitization by skin contact. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrase: S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of water. S29 - Do not empty into drains. S61 - Avoid release to the environment. Refer to special instructions/safety data sheets. S36/39 - Wear suitable protective clothing and eye/face protection. S 1/2 - Keep locked up and out of the reach of children. S 7/8 - Keep container tightly closed and dry.



SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 2
HMIS Fire Hazard: 1
HMIS Reactivity: 0
HMIS Personal Protection: X

Health Hazard	2
Fire Hazard	1
Reactivity	0
Personal Protection	X

SDS Creation Date: July 25, 2018
SDS Revision Date: July 25, 2018

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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