



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: Westco IS60-75 GS

Other means of identification:

Product Description: Rubber vulcanizing agent.
Synonyms: Rubber vulcanizing agent. Insoluble Sulfur in SBR Polymeric Dispersion

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Used as a vulcanization agent for synthetic and natural rubber.

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 2

Hazard Statements: May cause skin irritation.

Precautionary Statements: Clean thoroughly after operation.
Wear protective gloves / protective clothing / eye protection / face protection.
IF ON SKIN: Wash with plenty of soap and water.
In case of skin irritation, consult a doctor.
Take off contaminated clothing and wash before use.

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

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

Skin: Causes mild skin irritation. Causes drying of the skin. May cause a rash and itching of the skin. Mild Skin Irritation (after prolonged or repeated contact): Signs/symptoms can include redness, swelling, and itching.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Styrene-butadiene copolymer	9003-55-8	25% by weight	
Insoluble Sulfur	7704-34-9	75% by weight	

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists. DO NOT RUB EYES!
Skin Contact:	Remove contaminated clothing. Wash skin with water, using soap if available. Get medical attention.
Inhalation:	Move into fresh air and keep at rest. Get medical attention if symptoms occur. For breathing difficulties, oxygen may be necessary.
Ingestion:	Swallowing: If symptoms persist consult doctor. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Seek medical advice.
Notes :	General advice: Consult a doctor. Show this safety data sheet to the doctor on scene.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media:	Water fog, carbon dioxide, foam, dry chemical.
Unsuitable extinguishing media:	Avoid water in straight hose stream; will scatter and spread fire.

Specific hazards arising from the chemical:

Hazardous Combustion Byproducts:	Oxides of carbon, oxides of nitrogen, sulfide.
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Special protective equipment and precautions for fire-fighters:

Protective Equipment:	Fire fighters should wear full protective clothing, include self-contained breathing equipment.
Fire Fighting Instructions:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Keep up-wind to avoid fumes. Move container from fire area if it can be done without risk. Use water spray to keep fire-exposed containers cool. Dike and collect extinguishing water. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal Precautions:	Evacuate personnel to safe areas Ensure adequate ventilation, especially in confined areas Avoid creating dust Do not breathe dust/fume/gas/mist/vapors/spray Remove all sources of ignition Avoid contact with eyes and skin Use personal protection recommended in Section 8
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Environmental precautions:

Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Clear up spills immediately and dispose of waste safely. Do not contaminate water sources or sewer.
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Methods and materials for containment and cleaning up:

Spill Cleanup Measures:	Wear dust-tight goggles and gloves. Avoid generating dust. Sweep, shovel or scoop up spilled material into suitable containers. Procedure for Cleaning/Absorption: Isolate spill and stop leak where safe. Scoop up and remove. DO NOT spread spilled product with water.
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Methods and materials for containment and cleaning up:

Methods for containment:	Prevent from spreading by covering, diking or other means.
Notes :	In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling:	Keep away from heat and open flame. Static ignition hazard can result from handling and use. Avoid breathing dust, if exposed to high dust concentrations, leave area immediately. Use only in a well ventilated area. Avoid contact with skin and eyes. Good hygienic practices should be observed. Work clothes should be discarded with material. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Reclose containers of unused product.
Hygiene Practices:	Do not inhale vapors, fumes or mists of this product. Wash exposed areas thoroughly after handling this product. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities:

Storage:	Store closed containers in cool, dry, well-ventilated area. Store away from heat, sparks, flame and other sources of ignition. Avoid contact with acidic, basic or oxidizing agents. Do not expose to amines. Contact with copper. Non-protected steel. Avoid contamination of product with small amounts of water.
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Specific end use(s):

Work Practices: Material is Combustible. Avoid smoking, keep away from open flames and sources of static or electrical sparking. Safety showers and eye wash stations should be available.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Appropriate engineering controls:

Engineering Controls: Operation according to the rules of industrial hygiene and safety handling.
Guard against dampness.
Ventilation should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls.
No smoking, eating and drinking in the workplace.
Wash hands before breaks and after working.

Individual protection measures:

Eye/Face Protection: Wear safety glasses or goggles to protect against exposure. Dust proof goggles Recommended if eye contact likely
Wear eye protection appropriate to handling activities.

Skin Protection Description: Normal work coveralls. Launder contaminated clothing before reuse.

Hand Protection Description: Gloves: Use gloves as a standard industrial handling procedure.

Respiratory Protection: Use in a well ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure. An approved respirator should be worn when exposure are expected to exceed the applicable limits.

PPE Pictograms:



SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Solid
Physical State Appearance: Granule
Color: Yellow
Odor: Slight
Boiling Point: Not Applicable
Melting Point: Min.119 degrees C
Density: 1.37 g/cm³
Vapor Density: No information available
Vapor Pressure: No information available
Evaporation Rate: No information available
pH: Not Applicable
Flammability: No information available
Flash Point: No information available
Flash Point Method: No information available
Explosive Properties: No information available

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:

Chemical Stability: Stable under normal conditions of handling, use and transportation. Protect from heat Protect from moisture.

Possibility of hazardous reactions:

Hazardous Polymerization: Will not occur

Conditions To Avoid:

Conditions to Avoid: Keep away from heat, sparks and flame. Avoid and source of ignition. Excessive heat.

Incompatible Materials:

Incompatible Materials: Avoid contact with acidic, basic or oxidizing agents. Do not expose to amines. Contact with copper. Non-protected steel Avoid contamination of product with small amounts of water.

Hazardous Decomposition Products:

Special Decomposition Products: Fire may produce sulfur dioxide gas.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Acute Toxicity: Oral LD-50: (Rat): 8437 mg/kg .

Eye: No information available.

Skin: Frequent or prolonged contact may irritate and dry the skin, leading to discomfort and dermatitis. May cause allergic skin reaction.

Inhalation: No information available.

Ingestion: No information available.

Sensitization: May cause allergic skin reaction.

Carcinogenicity: No information available.

Mutagenicity: No information available.

Reproductive Toxicity: No information available.

Teratogenicity: No information available.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicity: No information available.

Persistence and degradability:

Biodegradation: No information available.

Bioaccumulative potential:

Bioaccumulation: No information available.

Mobility in soil:

Mobility In Environmental Media: No information available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal: Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated Packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Non regulated.

DOT Pictograms: 

IATA UN Number: Non regulated.

IATA Pictograms: 

IMDG Shipping Name : Not Regulated.

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

Risk Phrases: R38 - Irritating to skin.

Safety Phrase: S22 - Do not breathe dust. S24 - Avoid contact with skin. . S29 - Do not empty into drains. S36/39 - Wear suitable protective clothing 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:

July 08, 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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