



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: Westco MS 40

Other means of identification:

Product Description: Blend of naphthenic paraffinic and aromatic hydrocarbons.
Synonyms: Homogenizing agent MS 40

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: WESTCO™ MS-40 is a homogenizing agent which improves the dispersion of fillers and other rubber chemicals in rubber blends used in the manufacture of tires, conveyor belts and other technical rubber products.

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 Class: Westco MS 40 is not classified according the Globally Harmonized System (GHS)

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

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

| Chemical Name | CAS# | Ingredient Percent | EC Num. |
|--|-------------|--------------------|---------|
| Blend of naphthenic paraffinic and aromatic hydrocarbons | Proprietary | MIXTURE % | |

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact: In case of contact with eyes, rinse immediately with plenty of water.
Skin Contact: After contact with skin, wash immediately with plenty of water and soap. Generally, the product does not cause irritation to the skin.
Inhalation: After inhalation of vapours during processing, remove patient to the fresh air at once.
Ingestion: Should the product be swallowed seek medical advice.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media: water, foam, dry powder, Co2.

Specific hazards arising from the chemical:

Hazardous Combustion Byproducts: No information.

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: Remove persons from danger area. Ensure adequate ventilation. Wear protective clothing.

Environmental precautions:

Environmental Precautions: Avoid runoff into storm sewers, ditches, and waterways. Do not flush into surface water or sanitary sewer system.

Methods for cleanup: Sweep or vacuum spilled powder, avoiding the generation of airborne particulates. Decontaminate the area. Place all spill in an appropriate container and seal.

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling: Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.

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.

Specific end use(s):

Work Practices: Handle in accordance with good industrial hygiene and safety practices. Safety showers and eye wash stations should be available.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Appropriate engineering controls:

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Individual protection measures:

Eye/Face Protection: Chemical goggles.

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

Hand Protection Description: Protective gloves are recommended.

Respiratory Protection: Dust respirator is recommended if workplace is not adequately ventilated.

PPE Pictograms:



SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Solid

Physical State Appearance: Flakes

Color: Dark brown to black

Odor: Slight odor

Melting Point: 95.0~105.0 °C

Density: 1.0 g/cm³ at 20 °C

Solubility: insoluble,

Vapor Pressure: Not applicable.

pH: Not Applicable
Viscosity: 60 mPa.s at 180 █
Flash Point: > 200 █
Lower Flammable/Explosive Limit: Value not determined.
Upper Flammable/Explosive Limit: Value not determined.
Auto Ignition Temperature: not below 350 █

SECTION 10 : STABILITY and REACTIVITY

Reactivity:

Reactivity: No hazardous reactions when used as directed.

Chemical Stability:

Chemical Stability: Stable under recommended handling and storage conditions.

Conditions To Avoid:

Conditions to Avoid: Formation of carbon monoxide, carbon dioxide and other toxic gases in the event of fire or during thermal decomposition

Hazardous Decomposition Products:

Special Decomposition Products: Thermal decomposition: Decomposition begins at > 250 █. No thermal decomposition when stored and handled correctly.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Blend of naphthenic paraffinic and aromatic hydrocarbons :

Acute Toxicity: LD50 oral, rat: >16000 ml/kg

Blend of naphthenic paraffinic and aromatic hydrocarbons :

Eye: No irritating effect.

Skin: No irritating effect.

Sensitization: Not sensitizing.

SECTION 12 : ECOLOGICAL INFORMATION

Blend of naphthenic paraffinic and aromatic hydrocarbons :

Ecotoxicity:

Ecotoxicity: No information.

Persistence and degradability:

Biodegradation: No Information Provided.

Bioaccumulative potential:

Bioaccumulation: No information.

Mobility in soil:

Mobility In Environmental Media: Do not allow to escape into waters, wastewater or soil.
Water pollution class 0 - not generally hazardous to water

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Blend of naphthenic paraffinic and aromatic hydrocarbons :

Waste Disposal: Incinerate only in officially approved incinerator. Dispose of empty containers only on dumps designated for special waste or at incineration plants for domestic or industrial waste.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Non regulated.

DOT Pictograms:



IATA Shipping Name: Non regulated.

IATA Pictograms:



IMDG Shipping Name : Non regulated.

ADR Shipping Name : Non regulated.

Notes : Not dangerous cargo. Keep separated from foodstuffs.

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

Blend of naphthenic paraffinic and aromatic hydrocarbons :

TSCA Inventory Status: All the constituents of this product are TSCA listed or exempt from listing.

SARA: None of the ingredients is listed.

Section 313: None of the ingredients is listed.

California PROP 65: None of the ingredients is listed.

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 Creation Date: August 03, 2016

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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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