

1. SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: FP-45
 SYNONYMS: Petroleum Distillates, Mineral Spirit, Mineral Solvent, Mineral Spirits, aliphatic solvent.
 COMPANY: Benzoatos de Venezuela Benzoven CA
 ADDRESS: Calle Interna Parque Industrial del Calzado parcela # 75 Zona Ind. Santa Cruz Aragua. Zona Postal 2123
 CITY: Santa Cruz de Aragua, Edo. Aragua. Venezuela
 PHONES: +58 243-2140597/ +58 243-2610861 (Venezuela)
 EMERGENCY NUMBER: +58 243 2140591

2. IDENTIFICATION OF HAZARDS

NFPA classification: Health: Category 1 inflammability: Category 2 Reactivity: Category 0	GHS Classification: Aspiration hazard: Category 1 Chronic aquatic toxicity: Category 2 Flammable liquid: Category 3 Skin irritant: Category 2
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Sign: Caution

Eyes: May cause moderate irritation

Ingestion: May cause lung damage if ingested.

Inhalation: Vapors may be slightly irritating. They can cause dizziness and vomiting.

Skin: May cause moderate skin irritation. Repeated exposure can cause dry skin.

3. INFORMATION OF THE INGREDIENTS

Chemical name	CAS-No.	Concentration [%]
DISTILLATES OF HYDROTRATE PETROLEUM	64742-47-8	100%

4. MEASURES FOR FIRST AID

Inhalation	Immediately move the victim to fresh air. Seek medical attention.
Ingestion	Do not induce vomiting. Seek medical attention immediately.
Skin contact	Remove contaminated shoes and clothing. Clean the affected area with plenty of water.
eyes	If the eyes become irritated, move the victim to fresh air. Wash eyes with plenty of water. If symptoms persist, seek medical attention.

5. FIRE MEASURES

Clasification of Flammability of NFPA	Class-II liquid fuel according to NFPA		
Flash Point	Closed cup: 42°C (108°F). (Tagliabue)		
Lower Flammability Limit	AP 0.5 %	Upper Flammability Limit	AP 6 %
Temperature of Auto ignition	230°C (446°F)		
Products of Risky Combustion	Carbon dioxide, carbon monoxide, vapors, fumes, and / or unburned hydrocarbons.		
Special Properties	Liquid Fuel! This product generates vapors when heated above ambient temperatures. Vapors can cause a sudden fire. Vapors can travel to the ignition source and generate a flame. Use only with adequate ventilation.		

6. MEASURES AGAINST SPILLS OR ACCIDENTAL LEAKS

Take adequate precautions to protect your own health and safety before attempting to clean or control a spill

Fuel Liquid! The spill can cause a fire hazard, but this material will not ignite easily. Evacuate all non-essential personnel from the immediate area. Eliminate all sources of ignition. Stop the leak, if you can do it without risk. Do not touch or walk through spilled material. Avoid entering channels, sewers, basements, or closed areas. Absorb or cover with dry earth, sand, or other non-flammable material and transfer to waste containers.

For large spills, secure the area and control access. In an urban area, clean up the spill as soon as possible; In natural environments, follow the cleaning recommendations of an environmental specialist. Collect the liquid to be recycled and / or discarded. Collect any excess material with absorbent pads, sand, or other inert, absorbent and non-flammable materials. Place in appropriate waste containers, for later disposal. Comply with all laws and regulations.

7. HANDLING AND STORAGE

DRIVING	Keep containers closed, and do not handle or store them near heat, sparks, or any other potential source of ignition. DO NOT come in contact with oxidizing materials. Use only with adequate ventilation and personal protection. Avoid contact with eyes, skin and clothing. Prevent contact with food and tobacco products. Use gloves made of waterproof materials and protective clothing, if direct contact is anticipated. Use the appropriate respiratory protection. DO NOT pressurize, cut, weld, puncture or grind containers. Empty containers may contain product residues that can ignite.
STORAGE	Store in a cool, dry, well-ventilated place. Store only in approved containers. Do not store with oxidizing agents. Do not store at elevated temperatures or in direct sunlight. Protect containers against physical damage. The storage area must maintain OSHA requirements and applicable codes to prevent fires. Consult with federal, state and local authorities before reusing, reconditioning, recovering, recycling or disposing of empty containers or waste residues of this product.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls	Provide ventilation or other engineering controls to maintain vapor or mist concentrations within the applicable workplace exposure limits listed below. A station for emergency eye lava and safety shower should be placed near the work site.
Protective equipment Personal	Personal protective equipment must be selected based on the conditions under which this product will be used. The minimum requirements for personal protective equipment: Protective gloves, Suitable clothing, Protective lenses.
Protection for Eyes	Safety glasses equipped with side shields are recommended as minimum protection in industrial locations. An emergency eye wash station and safety shower should be placed near the work site.
Protection for Hands	Avoid skin contact. Use gloves for industrial use. Wash hands and other exposed parts of the skin with mild soap and water before eating, drinking, smoking, using the bathroom, or when leaving work.
Protection for Body	Avoid contact with skin. Wear non-flammable long-sleeved clothing while working with flammable and combustible liquids.
Respiratory protection	Use a multipurpose (US) or cartridge type respirator (EN 14387). Respirators must be used in accordance with OSHA requirements (29CFR 1910.134).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Transparent

Physical State: Liquid

Odor: Low Odor (hydrocarbon)

pH: without data

STEAM PRESSURE, mmHg at 25 ° C: <1

GRAV. ESP. OF STEAM, at 1 atm (Air = 1): > 1

SOLUBILITY IN WATER: not soluble

SPECIFIC GRAVITY at 25 ° C: 0.78-0.82

Evaporation Rate (nBuAc = 1): <1

EVAPORATION INDEX (n-BuAc = 1): <1

EBULLITION POINT ° C: > 170 approx.

Flash Point: > 113 ° F / > 45 ° C ASTM D-93 (Closed Cup)

Flammability%: no data

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under ordinary conditions of use and storage. Conditions to avoid: Keep away from any source of ignition and oxidizing agents. Materials to Avoid: Strong oxidizers.

Hazardous decomposition products: No additional hazardous products identified

Hazardous Polymerization: Not expected to occur.

11. TOXICOLOGICAL INFORMACION

No definitive information is available on carcinogenicity, mutagenicity, target organs or developmental toxicity.

12. ECOLOGICAL INFORMATION

Not rated

13. DISPOSAL CONSIDERATIONS

The conditions of use can cause this material to become a "hazardous waste", as defined by federal and state regulations. It is the user's responsibility to determine if the material is a hazardous waste subject to RCRA at the time of disposal. The transport, storage and final disposal of the waste material must be carried out in accordance with the RCRA regulations (40 CFR 260 to 40 CFR 271).

14. INFORMATION ON TRANSPORTATION

Risk Classification: Combustible Liquid

DOT: UN NUMBER 1268

Signboard: PETROLEUM DISTILLATE, N.O.S

CLASSIFICATION: 3

IMDG: UN number: 1268 ; CLASS 3 group 3

EMS No .: F-E, S-E

Signboard: Petroleum Distillates, N.O.S

Marine Pollutant: no

IATA: UN number: 1268 class; CLASS 3

Signboard: Petroleum Distillates, N.O. S

15. REGULATORY INFORMATION

This security sheet complies with the legal regulations of:

Mexico: NOM-018-STS-2000

Guatemala: Labor Code, decree 1441

Honduras: Executive Agreement No. STSS-053-04

Costa Rica: Decree No. 28113-S

Panama: Resolution # 124, March 20, 2001

Colombia: NTC 445 July 22, 1998

Ecuador: NTE INEN 2 266: 200

16. INFORMACION ADICIONAL

Review: 1

Date: 06/2018

SDS Number: BNZ-FP45-01

Status: Final

