PETROPEN CB MC-250

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name PETROPEN CB MC-250

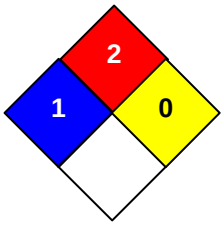
Manufacturer PETRON CORPORATION
Jesus St., Pandacan, Manila

Chemical Family Petroleum Asphalt

Product Type Cutback Asphalt

Emergency Phone No. (632) 563-31-21

NFPA Hazard Identification



Hazard	Degree of Hazard
Blue – Health	0 – Least
Red – Flammability	1 – Slight
Yellow – Reactivity	2 – Moderate
White - Special	3 – High
	4 - Extreme

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition This product is a blend of asphalt cements with flammable petroleum solvent. In general, this product does not contain any component that may be a significant health and safety hazard as long as normal precautions in handling petroleum products are observed and good standards of industrial and personal hygiene are maintained. In the event of a medical emergency, compositional information will be provided to the attending physician or nurse if necessary.

SECTION 3: HAZARDS IDENTIFICATION

General Information Asphalts are made up of asphaltenes, resins and other hydrocarbons that are suspected carcinogens. However there are no available data on the effects on humans that can be attributed to exposure to asphalt alone

Primary Entry Routes Inhalation of dust and fumes, eye and skin contact

Target Organs Eyes, skin, respiratory system

Eye Contact Irritating to the eyes on direct contact.

Skin Contact Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition. Skin exposure to hot product will cause thermal burns.

Inhalation	High vapor/aerosol concentrations attainable at elevated temperatures well above ambient are irritating to the eyes and the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. Toxic by inhalation of asphalt fumes.
Ingestion	Small amounts of these products aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.
Workplace Exposure Limits	There are no limits established for these products. Exposure to asphalt fumes as well as mineral oil mists must not go beyond a concentration of 5 mg/m^3.

SECTION 4: FIRST AID MEASURES

Eye Contact	Flush eyes immediately with large amount of water for at least 15 minutes or until irritation subside. If irritation persists, get medical attention.
Skin Contact	Wash contaminated area thoroughly with soap and water. Remove contaminated clothing, including shoes, and launder before reuse.
Inhalation	Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.
Ingestion	Do not induce vomiting. Keep at rest. Get prompt medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point, COC, ^oC	81
Extinguishing Media	In case of fire use foam, carbon dioxide, dry chemical extinguishers.
Special Fire-fighting Procedures	Use water spray to cool fire exposed surfaces and to protect personnel. Avoid spraying water directly into containers due to danger of boil-over.
Decomposition Products under Fire Conditions	Fumes, with oxides of sulfur, carbon and other gases.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Land Spill	Prevent additional discharge of material if possible to do so without hazard. Contain spills immediately and prevent spill from entering sewers, watercourses or low areas. Advise the relevant authorities and take measures to minimize the effects on ground water. Contain spills with sand or earth or with a suitable absorbent. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
Water Spill	Confine the spill immediately with booms. Remove from surface by skimming. Disperse the residue in unconfined waters if permitted by local

authorities. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations

SECTION 7: HANDLING AND STORAGE

Handling Procedures

Keep away from potential sources of ignition. Open container in a well-ventilated area. Avoid breathing vapors. Keep containers closed when not in use. Wash thoroughly after handling.

Storage Procedures

Store in a cool, clean, dry place with adequate ventilation away from sources of ignition.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Special Precaution

Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

Ventilation

The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

Gloves Protection

Use chemical resistant gloves.

Eye Protection

For open systems where contact is likely, wear safety glasses with side shield.

Respiratory Protection

Where concentrations in air may exceed workplace exposure limits, NIOSH/MSHA approved respirators should be used to prevent overexposure by inhalation.

Other Information

Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking or smoking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color	Black
Appearance	Homogenous
Density at 15°C, kg/m3	971.0
Penetration at 25 °C, 100 g, 5 secs, mm/10	226
Viscosity, cSt at 60°C	436

SECTION 10:	STABILITY AND REACTIVITY
Stability (Thermal, Light, etc.)	Stable
Hazardous Polymerization	Will not occur
Incompatibility	May react with strong oxidizing agents.
Hazardous Decomposition Product	Harmful gases containing oxides of carbon and sulfur.

SECTION 11:	DISPOSAL CONSIDERATIONS
Waste Disposal	The products, if discarded, are expected to be hazardous waste. Waste management should be in compliance with local and national regulations.

SECTION 12:	TRANSPORT REGULATIONS
UN	
UN Number	1202
Packing Group	III
Hazard Class	3
Road/Rail	
ADR UN Number	1203
ADR Item Number	31(c)
Tremcard	TEC(R)-27
ADR Hazard Class	3
ADR / RID Number	30
Sea	
IMDG UN Number	1202
IMDG Page Number	3375-
IMDG Em8	3-07
IMDG Hazard Class	3.3
IMDG Pack Group	III
IMDG MFAG	311
Air	
ICAO UN Number	1202
ICAO Packing Group	III
ICAO Hazard Class	3

SECTION 12:	APPROVALS
Approvals	Technical Department Petron Corporation

This is a computer-generated form and does not require a signature.

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