



Oxbow Calcining LLC

MATERIAL SAFETY DATA SHEET

SECTION I – IDENTIFICATION

EMERGENCY PHONE 281 – 775 - 4741		PRODUCT NAME Calcined Petroleum Coke	CAS NO. 64743 – 05 -01
COMPANY NAME and ADDRESS Oxbow Calcining LLC 1450 Lake Robbins Dr. Suite 320 The Woodlands. TX 77380		TRADE NAME AND SYNONYMS Calcined Petroleum Coke	
		CHEMICAL NAME AND SYNONYMS Calcined Petroleum Coke	
QUESTIONS CONCERNING THE MSDS CAN BE DIRECTED TO: Corporate Technical Manager Telephone 281 – 775 - 4741	EFFECTIVE 10/20/10 SUPERSEDES 11/05/07	NFPA Rating 0 Least, 1 Slight, 2 Moderate, 3 High, 4 Extreme Health: 0 Flammability: 1 Reactivity: 0	

SECTION II – HEALTH HAZARD DATA

MATERIAL INFORMATION

Calcined petroleum coke is not considered to be hazardous as defined by OSHA’s Hazard Communication Standard 29 CFR 1910.1200. Calcined petroleum coke is considered to be an inert material.

Calcined Petroleum Coke CAS NO. 64743 – 05 - 01

EXPOSURE LIMITS

OSHA: PEL = 15 mg/m³ as total dust; 5 mg/m³ as respirable fraction

ACGIH: PEL = 10 mg/m³ as total dust; 3 mg/m³ as respirable fraction

SYMPTOMS OF OVEREXPOSURE

Route(s) of Entry: Inhalation, skin, and eye contact.

This product is nontoxic. The “nuisance dust” exposure values that are listed apply to any inert substance capable of producing airborne particulates. Excessive concentrations of calcined petroleum coke may reduce visibility, cause unpleasant deposits in the eye, ears, and nasal passages, or irritate the skin or mucous membranes by mechanical means. However, normal workplace exposure has not been determined to cause a significant health effect. Calcined petroleum coke, as with many petroleum products, may cause minor skin, eye, or lung irritation, but good hygienic practices can minimize these effects.

See Section VIII for additional health data.

Is product listed as Carcinogen or Potential Carcinogen by: NTP? No IARC? No OSHA? No

RECOMMENDED FIRST AID TREATMENT

Inhalation: Remove to fresh air. If breathing has stopped, administer artificial respiration and supply oxygen. If problems persist, seek medical attention.

Eye Contact: In case of contact, immediately flush eyes with plenty of water until irritation subsides. If irritation persists, seek medical attention.

Skin Contact: Normal skin contact is not known to cause a significant health effect. Particles should be periodically washed off of skin with soap and water.

Ingestion: If swallowed, do not induce vomiting. Immediately give water. Never give anything by mouth to an unconscious person. If symptoms develop, seek medical attention.

MSDS – Calcined Petroleum Coke

SECTION VI – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED

Material is not toxic and can be picked up by sweeping, shoveling, or vacuuming. Provisions should be made to prevent washing, draining, or directing material to storm or sanitary sewers.

WASTE DISPOSAL METHOD

All Federal, State, and Local regulations regarding health and pollution must be followed for disposal of calcined petroleum coke.

SECTION VII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Select appropriate NIOSH-approved protection where necessary to maintain exposures below the acceptable limits in the Health Hazard Section. Proper respiratory selection should be determined by adequately trained personnel and based on the contaminant(s), the degree of potential exposure and published respirator protection factors.

VENTILATION

Dust should be controlled at point of operation.

PROTECTIVE GLOVES

None

EYE PROTECTION

None required. Recommend using dust goggles in areas of high dust concentrations.

OTHER PROTECTIVE EQUIPMENT

None

SECTION VIII – ADDITIONAL HEALTH DATA

Petroleum coke was found to be non-carcinogenic in mice in chronic skin painting studies with coke dust. Petroleum coke was found not to be carcinogenic in monkeys and rats in a two-year inhalation study at concentrations up to 30 mg/m³. Chronic inflammatory changes similar to those produced by non-specific respiratory irritants were observed in some rats at the highest exposure level.

Petroleum coke was found not to be mutagenic in a rat in vivo Bone Marrow Cytogenetic test, a mouse Lymphoma assay, and an Ames Mutagenicity assay.

SECTION IX – SHIPPING INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT)

Proper Shipping Name : Regulated by water mode only, when temperature exceeds 130°F, Petroleum coke, calcined.
Hazard Class : ORM (other regulated material) – C
Dot Label(s) : None
DOT Placard : None

INTERNATIONAL MARITIME ORGANIZATION (IMO)

Proper Shipping Name : Petroleum coke, calcined. Not regulated by IMO

Special Information : Must not be loaded in cargo vessels when temperatures exceed 225°F. (46 CFR 148.04-17)

MSDS – Calcined Petroleum Coke

The information and recommendations contained herein are, to the best of Oxbow Carbon and Minerals (OCM) knowledge and belief, accurate and reliable as of the date issued. OCM does not warrant or guarantee their accuracy or reliability, and OCM shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.