

## Material Safety Data Sheet Bitumen MSDS

### Section 1: Chemical Product and Company Identification

**Product Name:** Bitumen

**CAS#:** 8052-42-4

**HS Code:** 27132000

**Details of the supplier of the safety data sheet:**

**Supplier:** Infinity Galaxy

**Address:** Unit. 1623, Floor 16, ParkLane Tower, Business Bay, Dubai, UAE

**Website:** <https://infinitygalaxy.org/>

**Email:** [info@infinitygalaxy.org](mailto:info@infinitygalaxy.org)

**Office Number:** +971 45582418

**Mobile Number:** +971 50 980 4849

### Section 2: Composition and Information on Ingredients

The product contains no dangerous substances per EC Directive 67/548/EEC and further modifications and adaptations pointed out in this publication.

### Section 3: Hazards Identification

Inhalation of vapor or mist can cause headache, nausea, irritation of nose and lungs.

Eye Contact with material can cause slight irritation. Prolonged or repeated skin contact can cause slight skin irritation.

### Section 4: First Aid Measures

**Eye contact:** If the substance has entered the eyes then irrigate with emergency eye wash solution (if available) or clean water for up to 15 minutes. Seek medical attention.

**Skin contact:** Remove contamination with proprietary skin cleaner, followed by washing with soap and water. If irritation persists, seek medical attention.

**Ingestion:** If swallowed seek medical advice immediately. Do not induce vomiting.

**Inhalation:** If inhalation occurs, remove the patient into fresh air. Keep warm and at rest.

### Section 5: Fire and Explosion Data

There are no risks of fire or explosion as the products identified are noncombustible. The product is non-flammable but it can cause dangerous fumes if there is a fire. If necessary, wear breathing apparatus.

### Section 6: Accidental Release Measures

Avoid skin contact, wear suitable protective equipment (see section 8).

**Cleaning up:** Extinguish sources of heat and fire. Cover leaks with absorbent material such as sand. Disperse left-over material with water or foam spray, do not use vacuum.

### Section 7: Handling and Storage

**Storage:** Store in unopened containers. Storage temperature limits are 1 °C to 50 °C.

**Handling:** Avoid prolonged skin contact, avoid contact with eyes. Take usual hygiene measures. Ensure adequate ventilation.

### Section 8: Exposure Controls/Personal Protection

**Personal protective equipment:**

**Respiratory protection:** Use breathing apparatus in case of inhaling vapors for a long-time.

**Hand & skin protection:** Avoid skin contact by wearing protective clothing, for example waterproof gloves, overalls and boots. Change heavily contaminated clothing as soon as possible and launder before re-use.

**Eye protection:** Wear waterproof protective glasses

### Section 9: Physical and Chemical Properties

**Appearance:** Tarry texture.

**Color:** Brown/black.

**Odor:** Solvent -like.

**pH:** Not available.

**Melting point:** Not available

**Appearance:** Tarry texture.

**Color:** Brown/black.

**Flash point:** > 220 °C (Except Cutback Bitumen)

**Specific gravity:** 1.024 (20°C/ 68°F)

**Solubility (water):** Insoluble in water.

### Section 10: Stability and Reactivity Data

**Stability:** Stable

**Condition to avoid:** Not applicable

**Material to avoid:** Strong oxidizing materials. This product may dissolve or soften some plastics.

**Hazardous Combustion Product:** Carbon monoxide, Carbon dioxide, oxides of nitrogen and Sulphur, soot, uncombusted hydrocarbons.

### Section 11: Toxicological Information

**LD50:** 5 to 15 g/kg (oral), >5 g/kg (oral) - mice, rats  
3-8 g/kg (rat-intragastric), >3.16 g/kg (dermal) - rabbits

**LC50:** Not Available.

#### CARCINOGENICITY:

There is inadequate evidence of carcinogenicity in humans and limited to sufficient evidence in animals. Bitumen is not considered to be carcinogenic to humans, but does contain carcinogenic components.

### Section 12: Ecological Information

There are no known Eco Toxic effects in the existing patterns of production, handling, storage and use.

### Section 13: Disposal Considerations

Coagulate the dispersion by the stepwise addition of ferric chloride and lime, Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

### Section 14: Transport Information

#### Sea Transport (IMDG Code):

This product is loaded as a non-DG cargo in marine transportation.

**Marine pollutant:** No

**Special precautions for user:** No.

#### Land Transport (ADR/RID):

**Environmental hazards:** No

**Air Transport (IATA):** Not regulated.



**Section 15: Other Regulatory Information**

Not available.

**Section 16: Other Information**

**References:** Not available.

**Other Special Considerations:** Not available.

**Created:** 2016

**Last Updated:** 2024

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Infinity Galaxy