

MSDS

OXIDIZED BITUMEN 115/15

MATERIAL SAFETY DATA SHEET OXIDIED BITUMEN (115/15)

1. IDENTIFICATION OF THE MATERIAL:

1.1 **Product:** Oxidized Bitumen 115/15

1.2 **Product Code:** Not any

2. POSSIBLE HAZARD

Material is suitable under normal condition. Hazardous polymerization will not occur. Avoid open flame and other source of ignition and heat.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 **Chemical Nature:** Solid

3.2 **Case- Reg No.:** Not available

3.3 **Chemical:** Oxidized Bitumen

3.4 **Content:** Kg

4. FIRST AID MEASURE

4.1 **Inhalation:** Remove the affected person to fresh air.

4.2 **Skin Contact:** Plunged under cold water

4.3 **Eye contact:** Flush thoroughly with cold water, if irritation persists, then seek medical advice.

4.4 **Indestion:** Do not induce vomiting, give a glass of water, then seek medical advice.

4.5 **Information for the doctor:** If any condition persists or occur later consult a physician and have MSDS.

5. FIRE FIGHTING MEASURE

5.1 **Suitable extinguishing media:** Dry chemical or CO2 extinguishing or as for flammable liquid

5.2 **Exposure Hazardous:** Cleavage product may occur in case of liquid.

5.3 **Protective equipment for fire fighters:** Wear goggles, Self contained breathing.

5.4 **Further information:** Apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURE.

6.1 **Personal precautions:** Wear heat resistance gloves, Safety Goggles, Safety Shoes and Remove the person to fresh air.

6.2 **Environmental Precautions:** Material to avoid strong oxidizing agent.

6.3 **Method for clearing up:** If spillages clean with any petroleum solvent.

6.4 **Further information:** Hazardous effects are not to be expected under normal condition, CO & CO2 will be formed if the product is ignited.

7. HANDLING AND STORAGE

7.1 **Handling:** product classified as not dangerous goods in solid state

7.2 **Protection Against fire and explosion storage:** Store away and from heat and flame.



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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 **Technical Protective Measure:** Use general dilution type, adequate to keep vapour concentrations below TLV.
- 8.2 **Exposure Control Limits:** 1 and liquid hydrocarbons 10 PPM.
- 8.3 **Respiratory Protection:** Use air respirators or self-contained breathing apparatus with face piece.
- 8.4 **Hand Protection:** Use heat resistance gloves with close fitting cuffs.
- 8.5 **Eye Protection:** Use eyes Protection goggles, for appropriates splash hazard.
- 8.6 **Skin Protection:** Remove contained clothing, use barrier cream to protect exposed skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Appearance:** Solid
- 9.2 **Colour:** Black
- 9.3 **Odour:** Characteristic Odour
- 9.4 **Boilling Point:** Not applicable
- 9.5 **Softening Point:** 110-120°
- 9.6 **Flash Point:** 230° min
- 9.7 **Ignition Temprature:** Above Flash Point
- 9.8 **Autoignition Explosion Hazard:** Product not explosive
- 9.9 **Exposion:** [VOL
- Lower (OES):** 5
- Upper/Short Time:** 10

10. STABILITY AND REACTIVITY

- 10.1 **Chemical Stability:** Stabe under normal conditions.
- 10.2 **Conditions to avoid:** Heat, Direct sunlight and open flames

11. TOXICOLOGICAL INFORMATION

Health risks associated with aromatic and polycyclic is very low.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

According to Relevant local, State and government regulations

14. TRANSPORT INFORMATION

Any mode I.E. Road, Rail, Sea is suitable.

15. REGULATORY INFORMATION

No data available

16. OTHER INFORMATION

No data available



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