

OSSIAN, INC.

ECO MELT® w/Activar®

635 SOUTH ELMWOOD AVENUE
P.O. BOX 4076
DAVENPORT, IOWA 52808
EMERGENCY PHONE 563-324-3381

Material Safety Data Sheet

Effective date: 8/27/2007
Revision: 1

Print date: 8/27/2007

NFPA: Health 1, Fire 0, Reactivity 0

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1. INGREDIENTS:

CHEMICAL NAME:

Sodium Chloride
Polymeric Colorant
Accelerating Agents

CAS#:

07647-14-5
N/A
N/A

2. HEALTH HAZARD DATA:

EYES:

Slightly hazardous in case of eye contact (irritant).

SKIN CONTACT:

Slightly hazardous in case of skin contact (irritant).
Skin inflammation is characterized by itching, scaling, reddening or occasionally blistering.

INHALATION:

Slightly hazardous in case of inhalation (lung irritant).

INGESTION:

Slightly hazardous in case of ingestion.

TOXICITY TO ANIMALS:

Acute oral toxicity (LD50) = 3000 mg/kg (RAT).
Acute toxicity of the dust (LC50): >2100 ml/m³ 4 hours (RAT)

CHRONIC EFFECTS ON HUMANS: CARCINOGENIC EFFECTS:

Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

3. FIRST AID:

EYE CONTACT:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Obtain medical attention if irritation persists.

SKIN CONTACT:

Wash with soap and water. Obtain medical attention if irritation persists. Cold water may be used.

INHALATION:

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

INGESTION:

If swallowed, do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Obtain medical attention.

4. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT:

Not available

FLAMMABLE LIMITS:

Not available

PRODUCTS OF COMBUSTION:

Decomposes when heated to temperatures above 801 degrees C. May release toxic fumes of chlorine and sodium oxides.

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EXTINGUISHING MEDIA:

FIRE FIGHTING PROCEDURES:

UNUSUAL FIRE & EXPLOSION HAZARDS:

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Use extinguishing media suitable for surrounding materials.

Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turn out gear.

Not available

5. ACCIDENTAL RELEASE MEASURES:

SMALL SPILLS:

Incorrect application of this product from its intended uses is not expected to be harmful to the environment.

CLEAN UP:

Contain spill if possible. Collect material in a suitable and properly labeled container and flush area with plenty of water.

LARGE SPILLS:

Avoid contamination of drinking water, natural water ways, or ground water supply. Incorrect application of this product from its intended use is not expected to be harmful to the environment.

CLEAN UP:

Dike spill and transfer to suitable and properly labeled containers.

ECOTOXICITY DATA:

Maybe harmful to fresh water aquatic species and to plants that are not saline tolerant.

DISPOSAL METHOD:

Waste must be disposed of in accordance with federal, state/provincial and local environmental control regulations. Flush residue with plenty of water.

6. EXPOSURE CONTROLS/PERSONAL PROTECTION:

VENTILATION:

Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

RESPIRATORY PROTECTION:

Atmospheric levels should be maintained below the exposure guidelines. If respiratory protection is required, use an approved air purifying respirator.

EYE PROTECTION:

Wear a face shield, safety glasses or chemical goggles.

7. PHYSICAL DATA:

PHYSICAL STATE & APPEARANCE

Blue colored crystalline solid

ODOR

Odorless

pH: (5% SOLV/WATER)

6 to 8 (Neutral)

BOILING/CONDENSATION POINT

1413°C (2575.4°F)

MELTING/FREEZING POINT

800.9°C (1473.6°F)

CRITICAL TEMPERATURE

Not available

SPECIFIC GRAVITY

2.165 (WATER = 1)

VAPOR PRESSURE

0.1 kpa (1mm hg) (at 865°C)

VAPOR DENSITY

Not applicable

VOLATILITY

0% (v/v), 0% (w/w).

ODOR THRESHOLD

Not applicable

EVAPORATION RATE

Not applicable

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VOC

0 (%)

VISCOSITY

Not applicable

SOLUBILITY

Solubility in water

8. STABILITY & REACTIVITY DATA:

PRODUCT STABILITY:

Stable.

CHEMICAL INCOMPATIBILITY:

Reactive with oxidizing agents, acids, lithium, and bromine trifluoride.

HAZARDOUS DECOMPOSITION PRODUCTS:

These products are chlorine, oxides of sodium.

HAZARDOUS POLYMERIZATION:

Will not occur.

9. ENVIRONMENTAL AND DISPOSAL INFORMATION: (See Section 14 for Regulatory Information)

DISPOSAL:

DO NOT DUMP into any sewer systems, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

Ossian, Inc. has no control over the management practices or processes of parties handling or using this material. The information presented here pertains only to the product as shipped in its intended condition as described in MSDS section 1.

FOR UNUSED & UNCONTAMINATED PRODUCT:

Send to a licensed and/or permitted: re claim, landfill, or waste water treatment facility.

13. TRANSPORT INFORMATION:

UNITED STATES DOT INFORMATION:

This product is not regulated by D.O.T. when shipped domestically by land.

CANADIAN TDG INFORMATION:

This product is not regulated by T.D.G. when shipped domestically by land.

14. REGULATORY & SHIPPING DATA: (Not meant to be all-inclusive- selected regulations represented)

D.O.T. PROPER SHIPPING NAME:

N/A

HAZARDOUS SUBSTANCE 49CFR CERCLA:

N/A

D.O.T. HAZARD CLASS

Unclassified

D.O.T. LABELS REQUIRED

None

D.O.T. PLACARDS REQUIRED

N/A

15. SUPPLIER INFORMATION:

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