

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

Material Safety Data Sheet

Effective date: 5/18/2009
Revision: 1

Print date: 5/18/2009

NFPA: Health 1, Fire 0, Reactivity 0

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1. INGREDIENTS:

CHEMICAL NAME:

Sodium Chloride
Polymeric Colorant
Accelerating Agent
U.S. patent pending

CAS#:

07647-14-5
N/A
N/A

2. HEALTH HAZARD DATA:

EYES:

Slight irritation in case of eye contact.

SKIN CONTACT:

Slightly hazardous in case of skin contact (irritant).
Skin inflammation is characterized by itching, scaling,
reddening due to dryness.

INHALATION:

May be a slight irritant to the lungs.

INGESTION:

Not considered hazardous with regular use. If ingested
in large quantity seek medical attention.

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:

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

CARCINOGENIC EFFECTS:

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.

EXTINGUISHING MEDIA:

Use extinguishing media suitable for surrounding
materials.

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FIRE FIGHTING PROCEDURES:

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

UNUSUAL FIRE & EXPLOSION HAZARDS:

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

VOC

0 (%)

VISCOSITY

Not applicable

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SOLUBILITY

Solubility in water

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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 11 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.

10. 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.

11. 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

12. SUPPLIER INFORMATION:

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