

# BIO BASIC INC.

20 KONRAD CRES, MARKHAM ONTARIO L3R 8T4 CANADA  
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## MATERIAL SAFETY DATA SHEET REQUIRED UNDER SAFETY AND HEALTH REGULATION FOR SHIP REPAIRING

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DATE PREPARED: AUGUST 9, 2011

### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME : SODIUM CHLORIDE  
PRODUCT NUMBER : SB8889

### **SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

FORMULA : NaCl  
MOLECULAR WEIGHT : 58.44 G/MOL  
CAS-NO. EC-NO. INDEX-NO. CONCENTRATION [%]  
SODIUM CHLORIDE  
7647-14-5 231-598-3 - -

### **SECTION 3. HAZARDS IDENTIFICATION**

WHMIS CLASSIFICATION  
D2B TOXIC MATERIAL CAUSING OTHER TOXIC EFFECTS MILD SKIN IRRITANT  
MILD EYE IRRITANT  
HMIS CLASSIFICATION  
HEALTH HAZARD: 1  
FLAMMABILITY: 0  
PHYSICAL HAZARDS: 0  
POTENTIAL HEALTH EFFECTS  
INHALATION MAY BE HARMFUL IF INHALED. MAY CAUSE RESPIRATORY TRACT IRRITATION.  
SKIN MAY BE HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE SKIN IRRITATION.  
EYES MAY CAUSE EYE IRRITATION.  
INGESTION MAY BE HARMFUL IF SWALLOWED.

### **SECTION 4. FIRST AID MEASURES**

IF INHALED  
IF BREATHED IN, MOVE PERSON INTO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION  
IN CASE OF SKIN CONTACT  
WASH OFF WITH SOAP AND PLENTY OF WATER.  
IN CASE OF EYE CONTACT  
FLUSH EYES WITH WATER AS A PRECAUTION.  
IF SWALLOWED  
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. RINSE MOUTH WITH WATER.

### **SECTION 5. FIRE-FIGHTING MEASURES**

FLAMMABLE PROPERTIES  
FLASH POINT NOT APPLICABLE  
IGNITION TEMPERATURE NO DATA AVAILABLE  
SUITABLE EXTINGUISHING MEDIA  
USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE SURROUNDING ENVIRONMENT.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS  
WEAR SELF CONTAINED BREATHING APPARATUS FOR FIRE FIGHTING IF NECESSARY.  
FURTHER INFORMATION  
THE PRODUCT ITSELF DOES NOT BURN.

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS

AVOID DUST FORMATION.

ENVIRONMENTAL PRECAUTIONS

DO NOT LET PRODUCT ENTER DRAINS.

METHODS FOR CLEANING UP

SWEEP UP AND SHOVEL. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL.

#### **SECTION 7. HANDLING AND STORAGE**

HANDLING

PROVIDE APPROPRIATE EXHAUST VENTILATION AT PLACES WHERE DUST IS FORMED.

STORAGE

KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE.

#### **SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUES.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION

RESPIRATORY PROTECTION IS NOT REQUIRED. WHERE PROTECTION FROM NUISANCE LEVELS OF DUSTS ARE DESIRED, USE TYPE N95

(US) OR TYPE P1 (EN 143) DUST MASKS. USE RESPIRATORS AND COMPONENTS TESTED AND APPROVED UNDER APPROPRIATE

GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR CEN (EU).

HAND PROTECTION

HANDLE WITH GLOVES.

EYE PROTECTION

SAFETY GLASSES

HYGIENE MEASURES

GENERAL INDUSTRIAL HYGIENE PRACTICE.

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE

FORM SOLID

COLOUR COLOURLESS

SAFETY DATA

PH 7

MELTING POINT 801 °C (1,474 °F)

BOILING POINT 1,413 °C (2,575 °F)

FLASH POINT NOT APPLICABLE

IGNITION TEMPERATURE NO DATA AVAILABLE

LOWER EXPLOSION LIMIT NO DATA AVAILABLE

UPPER EXPLOSION LIMIT NO DATA AVAILABLE

VAPOUR PRESSURE 1.33 HPA (1.00 MMHG) AT 865 °C (1,589 °F)

DENSITY 2.1650 G/CM<sup>3</sup>

WATER SOLUBILITY SOLUBLE

#### **SECTION 10. STABILITY AND REACTIVITY**

STORAGE STABILITY

STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

MATERIALS TO AVOID

STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS DECOMPOSITION PRODUCTS FORMED UNDER FIRE CONDITIONS.

SODIUM/SODIUM OXIDES, HYDROGEN CHLORIDE GAS

**SECTION 11. TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY

LD50 ORAL - RAT - 3,000 MG/KG

LC50 INHALATION - RAT - 1 H - > 42,000 MG/M3

LD50 DERMAL - RABBIT - > 10,000 MG/KG

IRRITATION AND CORROSION

SKIN - RABBIT - MILD SKIN IRRITATION - 24 H

EYES - RABBIT - MILD EYE IRRITATION

SENSITIZATION

NO DATA AVAILABLE

CHRONIC EXPOSURE

NO DATA AVAILABLE

SIGNS AND SYMPTOMS OF EXPOSURE

VOMITING, DIARRHOEA, DEHYDRATION AND CONGESTION MAY OCCUR IN INTERNAL ORGANS.

HYPERTONIC SALT SOLUTIONS CAN PRODUCE

INFLAMMATORY REACTIONS IN THE GASTROINTESTINAL TRACT.

POTENTIAL HEALTH EFFECTS

INHALATION MAY BE HARMFUL IF INHALED. MAY CAUSE RESPIRATORY TRACT IRRITATION.

SKIN MAY BE HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE SKIN IRRITATION.

EYES MAY CAUSE EYE IRRITATION.

INGESTION MAY BE HARMFUL IF SWALLOWED.

**SECTION 12. ECOLOGICAL INFORMATION**

E LIMINATION INFORMATION (PERSISTENCE AND DEGRADABILITY)

NO DATA AVAILABLE

E COTOXICITY EFFECTS

TOXICITY TO FISH LC50 - LEPOMIS MACROCHIRUS (BLUEGILL) - 1,294.6 MG/L - 96 H

NOEC - PIMEPHALES PROMELAS (FATHEAD MINNOW) - 4,000 MG/L - 7 D

TOXICITY TO DAPHNIA

AND OTHER AQUATIC

INVERTEBRATES.

NOEC - DAPHNIA - 1,500 MG/L - 7 D

LC50 - DAPHNIA MAGNA (WATER FLEA) - 1,661 MG/L - 48 H

FURTHER INFORMATION ON ECOLOGY

NO DATA AVAILABLE

**SECTION 13. DISPOSAL CONSIDERATIONS**

PRODUCT

OBSERVE ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS. CONTACT A LICENSED

PROFESSIONAL WASTE DISPOSAL SERVICE

TO DISPOSE OF THIS MATERIAL.

CONTAMINATED PACKAGING

DISPOSE OF AS UNUSED PRODUCT.

**SECTION 14. TRANSPORT INFORMATION**

DOT (US)

NOT DANGEROUS GOODS

IMDG

NOT DANGEROUS GOODS

IATA

NOT DANGEROUS GOODS

**SECTION 15. REGULATORY INFORMATION**

TSCA STATUS

ON TSCA INVENTORY

DSL STATUS

ALL COMPONENTS OF THIS PRODUCT ARE ON THE CANADIAN DSL LIST.  
WHMIS CLASSIFICATION  
D2B TOXIC MATERIAL CAUSING OTHER TOXIC EFFECTS MILD SKIN IRRITANT  
MILD EYE IRRITANT

**SECTION 16 - OTHER INFORMATION**

DISCLAIMER

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