



A Division of Appropriate Chemical International Ltd.

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Sodium Gluconate Granular

SO250-00

SECTION 01: PRODUCT INFORMATION AND COMPANY INFORMATION

MANUFACTURER: Same as above
PREPARED BY: Production Department
VERSION DATE: 10-Mar-15
TELEPHONE NO.: (519) 451-1614
EMERGENCY PHONE NO.: (613) 996-6666
CHEMICAL FAMILY: Not Available **CHEMICAL FORMULA:** Not Applicable
MOLECULAR WEIGHT: Not Applicable **MATERIAL USE:** Please Refer to technical literature
SYNONYMS:

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	Conc. Approx. %	C.A.S. #	LD/50 (RTE/SPEC)	LC/50 (RTE/SPEC)	TLV
Sodium gluconate	98-100%	527-07-1	N.Av.	N.Av.	N.Av.

SECTION 03: HAZARD IDENTIFICATION

ROUTE OF ENTRY

Eyes: Dusts may irritate the eyes.
Skin: No irritation is likely after brief contact but may be irritating after prolonged contact.
Inhalation: Breathing dust may irritate nose and throat and cause coughing and chest discomfort.
Ingestion: Toxic effects possible.

SECTION 04: FIRSTAID

Skin Contact: Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation occurs or persists
Eye Contact: Flush immediately with water for at least 20 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye tissue. Seek immediate medical attention
Inhalation, Acute: Remove victim to fresh air. Give artificial respiration only if breathing has stopped. If breathing is difficult, give oxygen. Seek immediate medical attention.
Ingestion: None for small amounts. Otherwise, seek medical attention.
Notes to physician: N.Av.

SECTION 05: FIRE EXPLOSION HAZARD AND FIRE FIGHTING MEASURES

FLAMMABLE? No
IF YES, UNDER WHICH CONDITIONS? Non-flammable
FLASH POINT (TCC) (C): 270 C
FLAMMABLE LIMITS: LEL(% BY VOL.): Not Available UEL(% BY VOL.): Not Available
AUTO IGNITION TEMPERATURE (C) Not Available

EXTINGUISHING MEDIA Use water spray, dry chemical, CO2, or alcohol foam.

SPECIAL PROCEDURES: Wear NIOSH-approved self-contained breathing apparatus and protective clothing.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and carbon dioxide

UNUSUAL FIRE AND EXPLOSION HAZARDS Not Available

SENSITIVITY TO STATIC DISCHARGE Not Available

SENSITIVITY TO MECHANICAL IMPACT: Not Available

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedure: Wear appropriate personal protective equipment. Ventilate area. Only enter area with PPE. Stop or reduce leak if safe to do so. Prevent material from entering sewers.

SECTION 07: HANDLING AND STORAGE

Handling Procedures and Storage Requirements

Handling Procedures: Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure.

Storage Requirements: Store in a cool, dry, well-ventilated place. Keep container tightly closed.

SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

GLOVES/TYPE: Impervious gloves of chemically resistant material (rubber or PVC) should be worn at all times. Wash contaminated clothing with soap and water, dry thoroughly before reuse.

RESPIRATOR/TYPE: Respiratory protection is not normally required. If use creates dust formations, then a NIOSH-approved respirator with a dust cartridge is recommended.

EYE/TYPE: Chemical goggles, full-face shield, or a full-face respirator is to be worn at all times when product is handled. Contact lenses should not be worn; they may contribute to severe eye injury.

OTHER/TYPE: Use general or local mechanical exhaust ventilation to control dust and to meet TLV requirements.

ENGINEERING CONTROL Mechanical ventilation (dilution or local exhaust), process or personnel enclosure, and control of process conditions. Supply sufficient replacement air to make up for air removed by exhaust systems.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE/APPEARANCE:	Solid		
ODOUR:	White to cream coloured odourless powder	ODOUR THRESHOLD:	N. Av.
VAPOUR PRESSURE (mm Hg @ 20C):	N. Av.	VAPOUR DENSITY (Air=1):	N. Av.
EVAPORATION RATE (Ether = 1):	N. Av.	SPECIFIC GRAVITY:	N. Av.
BOILING POINT (C):	N. Av.	FREEZING POINT (C)	131°C
Ph (% SOLUTION):	N. Av.	% VOLATILE (WT):	0
SOLUBILITY IN WATER (% W/W)	37% w/w at 25°C		

SECTION 10: STABILITY AND REACTIVITY

CHEMICALLY STABLE? Stable under normal conditions.

IF NO, UNDER WHICH CONDITIONS?

INCOMPATIBILITY WITH OTHER SUBSTANCES

IF YES, WITH WHICH ONES: Not available

SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL

LC 50 OF MATERIAL, SPECIES AND ROUTE

LD 50 OF MATERIAL, SPECIES AND ROUTE

CARCINOGENICITY OF MATERIAL

REPRODUCTIVE EFFECTS:
IRRITANCY OF MATERIAL
SENSITIZING CAPABILITY OF MATERIAL
SYNERGISTIC MATERIALS

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

SECTION 14: TRANSPORT INFORMATION

TDG CLASSIFICATION Class ,

UN NUMBER:

PACKING GROUP: II

Special Provisions for Transport

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION Not a controlled product

SECTION 16: OTHER INFORMATION

ABBREVIATIONS USED: N.Av. = Not Available
N.App. / N.Ap. = Not Applicable

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SOURCES: Supplier MSDS

For updated copies of an MSDS, please contact Anchem Sales at the address/phone number on Page 1 or fax the MSDS Co-ordinator at (519) 451-4593.

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