



Sodium Chloride Tablets

Effective Date: 14-Nov-2001

Eli Lilly and Company
Material Safety Data Sheet

Section 1 - Chemical Product and Company

Manufacturer:
 Eli Lilly and Company
 Lilly Corporate Center
 Indianapolis, IN 46285

Manufacturer's Emergency Phone:
 1-317-276-2000
CHEMTREC:
 1-800-424-9300 (North America)
 1-703-527-3887 (International)

Common Name: Sodium Chloride Tablets

Chemical Name: Sodium chloride (NaCl)

Synonym(s): 046876 Formulation; Common Salt Tablets; NaCl Tablets; Sodium Monochloride Tablets; Salt Tablets;

Lilly Item Code(s): EN0027; QA102Z; TA0966; TA0967; UC5168

See attached glossary for abbreviations.

Section 2 - Composition / Information on Ingredients

<u>Ingredient</u>	<u>CAS</u>	<u>Concentration %</u>
Sodium Chloride	7647-14-5	NAIF
Excipients	NA	NAIF

Exposure Guidelines:

Sodium chloride - Dow Chemical Exposure Guideline 10 mg/m³ TWA.

Section 3 - Hazards Identification

Appearance: Colorless or white crystalline powder finished as compressed tablets

Physical State: Solid

Odor: Odorless

Emergency Overview



Emergency Overview Effective Date: 14-Nov-2001

Lilly Laboratory Labeling Codes:

Health 0

Fire 1

Reactivity 0

Primary Physical and Health Hazards: Not hazardous if intact.

Caution Statement: Intact Sodium Chloride Tablets are not considered to be a health hazard.

Routes of Entry: Inhalation and skin contact.

Effects of Overexposure: Tablets are intended for human consumption under guidance of a physician. Working with these uncoated tablets may result in exposure to dusts containing sodium chloride. The sodium chloride may be mechanically irritating to the eyes, skin, and respiratory tract.

Medical Conditions Aggravated by Exposure: None known.

Carcinogenicity: No carcinogenicity data found. Not listed by IARC, NTP, ACGIH, or OSHA.

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water. Get medical attention.

Skin: Remove contaminated clothing and clean before reuse. Wash all exposed areas of skin with plenty of soap and water. Get medical attention if irritation develops.

Inhalation: Move individual to fresh air. Get medical attention if breathing difficulty occurs. If not breathing, provide artificial respiration assistance (mouth-to-mouth) and call a physician immediately.

Ingestion: Do not induce vomiting. Call a physician or poison control center. If available, administer activated charcoal (6-8 heaping teaspoons) with two to three glasses of water. Do not give anything by mouth to an unconscious person. Immediately transport to a medical care facility and see a physician.

Section 5 - Fire Fighting Measures

Flash Point: Not applicable

UEL: No applicable information found

LEL: No applicable information found

Extinguishing Media: Use water, carbon dioxide, dry chemical, foam, or Halon.

Unusual Fire and Explosion Hazards: As a finely divided material, may form dust mixtures in air which could explode if subjected to an ignition source.

Hazardous Combustion Products: May emit toxic chloride fumes when exposed to heat or fire.

Section 6 - Accidental Release Measures

Spills: Vacuum material with appropriate dust collection filter in place. Be aware of potential for dust explosion when using electrical equipment. If vacuum is not available, lightly mist material and remove by sweeping or wet wiping. Wear protective equipment, including eye protection, to avoid exposure (see Section 8 for specific handling precautions).

Section 7 - Handling and Storage

Storage Conditions: Warehouse: 10 to 40 C (50 to 104 F).

Section 8 - Exposure Controls / Personal Protection

See Section 2 for Exposure Guideline information.

Under normal use and handling conditions, no protective equipment is required. The following is recommended for a production setting:

Respiratory Protection: Use an approved respirator.

Eye Protection: Safety glasses.

Ventilation: Laboratory fume hood or local exhaust ventilation.

Other Protective Equipment: Chemical-resistant gloves and body covering to minimize skin contact. If handled in a ventilated enclosure, as in a laboratory setting, respirator and goggles or face shield may not be required. Safety glasses are always required.

Section 9 - Physical and Chemical Properties

Appearance: Colorless or white crystalline powder finished as compressed tablets

Odor: Odorless

Boiling Point: No applicable information found

Melting Point: No applicable information found

Specific Gravity: No applicable information found

pH: No applicable information found

Evaporation Rate: No applicable information found

Water Solubility: No applicable information found

Vapor Density: No applicable information found

Vapor Pressure: No applicable information found

Section 10 - Stability and Reactivity

Stability: Stable at normal temperatures and pressures.

Incompatibility: None known.

Hazardous Decomposition: May emit toxic chloride fumes when heated to decomposition.

Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

Acute Exposure

No data available for mixture or formulation. Data for ingredient(s) or related material(s) are presented.

Oral:

Sodium chloride - Rat, median lethal dose 3000 mg/kg.

Skin:

Sodium chloride - Rabbit, median lethal dose greater than 10 g/kg.

Skin Contact:

Sodium chloride - Rabbit, mild irritant

Eye Contact:

Sodium chloride solution - Rabbit, mild to moderate irritant

Chronic Exposure

No data available for mixture or formulation. Data for ingredient(s) or related material(s) are presented.

Target Organ Effects: No applicable information found.

Reproduction:

Sodium chloride - No teratogenic effects observed in rats, hamsters, or pigs.

Sensitization: No applicable information found.

Mutagenicity:

Sodium chloride - Negative in bacterial cells. Did not induce sister chromatid exchanges. Mixed results in mouse lymphoma assay. Inconclusive in in vitro chromosome aberration assay.

Section 12 - Ecological Information

No environmental data for the mixture or formulation. The environmental information for ingredient(s) or related material(s) are presented.

Ecotoxicity Data:

Sodium chloride

Fathead minnow 96-hour median lethal concentration: 7.7 g/L

Daphnia magna 48-hour median lethal concentration: 3.3 g/L

Green algae (*S. acutus*) 21-day population growth effective concentration: 2 mg/L

Blue-green algae 21-day population growth effective concentration: 2 mg/L

Algae (*G. parvulum*) 21-day population growth effective concentration: 2 mg/L

Microorganisms

Algae (*N. linearis*): MIC 2.43 g/L

Blue-green algae (*C. vulgaris*): MIC 680 mg/L

Environmental Summary:

Sodium chloride - Material is practically non-toxic to aquatic organisms. Material is soluble in water and may leach from soil into groundwater. Material is not expected to bioaccumulate in aquatic organisms.

Section 13 - Disposal Considerations

Waste Disposal: Dispose of any cleanup materials and waste residue according to all applicable laws and regulations.

Section 14 - Transport Information

Regulatory Organizations:

DOT: Not Regulated

ICAO/IATA: Not Regulated

IMO: Not Regulated

Section 15 - Regulatory Information

Below is selected regulatory information chosen primarily for possible Eli Lilly and Company usage. This section is not a complete analysis or reference to all applicable regulatory information. Please consider all applicable laws and regulations for your country/state.

U.S. Regulations

Sodium chloride

TSCA - Yes

CERCLA - Not on this list

SARA 302 - Not on this list

SARA 313 - Not on this list

OSHA Substance Specific - No

EU Regulations

EC Classification

Not assigned an overall EC classification.

Section 16 - Other Information

MSDS Sections Revised: Sections 1, 2, 3, 4, 5, 8, 11, 12, and 15.

Emergency Overview Sections Revised: All caution sections.

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS MATERIAL SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.

For additional information contact:

Eli Lilly and Company
Hazard Communication
317-277-6029

GLOSSARY:

ACGIH = American Conference of Governmental Industrial Hygienists

AIHA = American Industrial Hygiene Association

BEI = Biological Exposure Index

CAS Number = Chemical Abstract Service Registry Number

CERCLA = Comprehensive Environmental Response Compensation and Liability Act (of 1980)

CHAN = Chemical Hazard Alert Notice

CHEMTREC = Chemical Transportation Emergency Center

DOT = Department of Transportation

EC = European Community

EINECS = European Inventory of Existing Chemical Substances

ELINCS = European List of New Chemical Substances

EPA = Environmental Protection Agency

HEPA = High Efficiency Particulate Air (Filter)

IARC = International Agency for Research on Cancer

ICAO/IATA = International Civil Aviation Organization/International Air Transport Association

IEG = Lilly Interim Exposure Guideline

IMO = International Maritime Organization

Kow = Octanol/Water Partition Coefficient

LEG = Lilly Exposure Guideline

LEL = Lower Explosive Limit

MSDS = Material Safety Data Sheet

MSHA = Mine Safety and Health Administration

NA = Not Applicable, except in Section 14 where NA = North America

NADA = New Animal Drug Application

NAIF = No Applicable Information Found

NCI = National Cancer Institute

NIOSH = National Institute for Occupational Safety and Health

NOS = Not Otherwise Specified
NTP = National Toxicology Program
OSHA = Occupational Safety and Health Administration
PEL = Permissible Exposure Limit (OSHA)
RCRA = Resource Conservation and Recovery Act
RQ = Reportable Quantity
RTECS = Registry of Toxic Effects of Chemical Substances
SARA = Superfund Amendments and Reauthorization Act
STEG = Lilly Short Term Exposure Guideline
STEL = Short Term Exposure Limit
TLV = Threshold Limit Value (ACGIH)
TPQ = Threshold Planning Quantity
TSCA = Toxic Substances Control Act
TWA = Time Weighted Average/8 Hours Unless Otherwise Noted
UEL = Upper Explosive Limit
UN = United Nations
WEEL = Workplace Environmental Exposure Level (AIHA)