

SANLO PRODUCTS CO -- SODIUM NITRATE -- 6810-01-174-1823

===== Product Identification =====

Product ID:SODIUM NITRATE

MSDS Date:05/01/1989

FSC:6810

NIIN:01-174-1823

MSDS Number: BNBVB

=== Responsible Party ===

Company Name:SANLO PRODUCTS CO

Address:100 MANHATTAN AVENUE, SUITE 103

City:UNION CITY

State:NJ

ZIP:07087

Country:US

Info Phone Num:201-348-1684

Emergency Phone Num:201-348-1684

CAGE:0K5U0

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= Contractor Identification ===

Company Name:SANLO PRODUCTS CO

Address:100 ,MANHATTAN AVE SUITE 103

City:UNION CITY

State:NJ

ZIP:07087

Country:US

Phone:201-348-1684/800-424-9300(CHEMTREC)

CAGE:0K5U0

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM NITRATE

CAS:7631-99-4

RTECS #:WC5600000

Fraction by Wt: 99-100%

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalatio

n:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:IRRITATION OF SKIN AND/OR MUCOUS  
MEMBRANES.INGESTION OF LARGE MAOUNTS CAUSES VOILENT  
GASTROENTERITIS, CHROMIC: ANEMIA, METHEMOGLOBINEMIA, NEPHRITIS.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:DIZZINESS, ABDOMINAL CRAMPS, VOMITING,  
HEADACHE, MENTAL IMPAIRMENT, CYANOSIS.

Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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== First Aid Measures =====

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE  
CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. WASH WITH SOAP &  
WATER. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED.  
INGESTED:IMMEDIA TELY GIVE 2 LARGE GLASSES OF MILK OR WATER AND  
INDUCE VOMITING. (NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE  
MEDICAL CARE. IF ANY IRRITATION PERSISTS OR IS SEVERE, SEE A  
DOCTOR.

===== Fire Figh

ting Measures =====

Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE, FOAM, DRY  
CHEMICAL.

Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP W/  
FULL FACEPIECE OPERATED IN POS PRESS MODE. MOVE CONTR FROM FIRE  
AREA IF CAN BE DONE W/OUT RISK. USE H2O TO (SUPDAT)

Unusual Fire/Explosion Hazard:STRONG OXIDIZER. CONTACT WITH OTHER  
MATERIAL MAY CAUSE FIRE. CAN REACT VIOLENTLY WITH SHOCK, FRICTION  
OR HEAT. TOXIC GASES PRODUCED OXIDES OF NITROGEN.

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===== Accidental Release Measures =====

Spill Release Procedures:IMPERVIOUS GLOVES,BOOTS, WEAR GOGGLES,  
COVERALLS. WEAAR NIOSHMSHA APPROVED DUST RESPIRATOR. SWEEP OR  
SHOVEL UP SPILLED MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE AWAY FROM REDUCING AGENTS AND  
LIQUIDS OF LOW FLASH POINTS. STORAGE AREA SHOULD BE COOL, DRY, WELL  
VENT

ILATED AND FIRE PROOF.

Other Precautions:WOOD AND EMPTY PAPER BAGS USED TO HOLD THIS PRODUCT SHOULD BE REMOVED FROM THE PREMISES.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN NIOSH/MSHA APPROVED RESPIRATOR OR DUST MASK.

Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS BELOW PEL/TLV OF NUISANCE DUST.

Protective Gloves:BUTYL RUBBERS GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:COVERALLS AND IMPERVIOUS BOOTS.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

FIRE FIGHT PROC: KEEP FIRE-EXPOSED CONTAINERS COOL.

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===== Physical/Chemical Properties =====

HCC:D1

Melt/Freeze Pt:M.P/F.P Text:583F,306C

Spec Gravity:POWDER

Solubility in Water:COMPLETE

Appearance and Odor:WHITE PRILLS (PELLETS).

Percent Volatiles by Volume:0.0

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

COMBUSTIBLE MATERIALS, ORGANIC MATERIALS, STRONG REDUCING AGENTS

Stability Condition to Avoid:SHOCK, FRICTION, HEAT.

Hazardous Decomposition Products:OXIDES OF NITROGEN.

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===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE

FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. SANITARY LANDFILL.

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