

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

=

== 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: Inhalati

on: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.

=====

=== 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 Fig

hting 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.

===== 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  
VEN

TILATED AND FIRE PROOF.

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

=====  
===== 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.

=====  
===== 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

=====  
===== 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.

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

Waste Disposal Methods:DISPOSE IN ACCORDA

NCE WITH ALL APPLICABLE

FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. SANITARY  
LANDFILL.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to  
verify and  
assume responsibility for the suitability of this information to their  
particular situation.