

MORTON SALT -- MORTON WHITE CRYSTAL, SOUTHERN COURSE ROCK SALT - SODIUM
CHLORIDE TECHNICAL

MATERIAL SAFETY DATA SHEET

NSN: 6810001275668

Manufacturer's CAGE: MORTO

Part No. Indicator: A

Part Number/Trade Name: MORTON WHITE CRYSTAL, SOUTHERN COURSE ROCK SALT

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General Information
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Item Name: SODIUM CHLORIDE TECHNICAL
Company's Name: MORTON SALT
Company's Street: 100 N RIVERSIDE PLASA
Company's City: CHICAGO
Company's State: IL
Company's Country: US
Company's Zip Code: 60606-1597
Company's Emerg Ph #: 312-807-2000
Company's Info Ph #: 312-807-2000
Record No. For Safety Entry: 002
Tot Safety Entries This Stk#: 003
Status: SE
Date MSDS Prepared: 21OCT96
Safety Data Review Date: 04OCT96
Supply Item Manager: CX
MSDS Serial Number: CCJPX
Specification Number: NK
Spec Type, Grade, Class: NK
Hazard Characteristic Code: NK
Unit Of Issue: TN
Unit Of Issue Container Qty: 2000 LB TIN
Type Of Container: NK
Net Unit Weight: NK
NRC/State License Number: NK
Net Explosive Weight: NK
Net Propellant Weight-Ammo: NK
Coast Guard Ammunition Code: NK

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: SODIUM CHLORIDE
Ingredient Sequence Number: 01
Percent: NK
NIOSH (RTECS) Number: VZ4725000

CAS Number: 7647-14-5
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Ceiling Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics
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Appearance And Odor: COLORLESS OR WHITE ODORLESS CRYSTALS
Boiling Point: 2575F,1413C
Melting Point: NK
Vapor Pressure (MM Hg/70 F): 1.0 @ 865C
Vapor Density (Air=1): NA
Specific Gravity: 2.165
Decomposition Temperature: NK
Evaporation Rate And Ref: NA
Solubility In Water: 36G/100CC WATER@20C
Percent Volatiles By Volume: 0.0
Viscosity: NK
pH: 7.0
Radioactivity: NK
Corrosion Rate (IPY): NK
Autoignition Temperature: NK

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Fire and Explosion Hazard Data
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Flash Point: NA
Lower Explosive Limit: NA
Upper Explosive Limit: NA
Extinguishing Media: NONE REQUIRED
Special Fire Fighting Proc: NONE
Unusual Fire And Expl Hazrds: NONE

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): NK
Materials To Avoid: REACTS W/STRONG ACIDS TO GENERATE HCL & STRONG
OXIDIZING AGENTS TO GENERATE CL2.
Hazardous Decomp Products: NONE
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NK *SKIN IRRITATION RABBIT. EYE IRRIT RABBIT
100MG/24 HR MODERATE.

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Health Hazard Data
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LD50-LC50 Mixture: LD50 3000MG/KG ORAL RAT 500MG/24HR MILD*

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: INGEST: VERY LARGE DOSES CAUSE VOMITING/
DIARRHEA/PROSTRATION. SKIN: NOT EXPECTED TO BE HEALTH HAZARD. EYE: MAY
CAUSE IRRIT. INHALING DUST MAY CAUSE MILD IRRIT TO MUCOUS MEMBRANES/NOSE
DEHYDRATION/CONGESTION IN INTERNAL ORGANS. HYPERTONIC SALT SOLUTION**

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NK

Signs/Symptoms Of Overexp: NK **MAY CAUSE INFLAMMATORY REACTIONS IN GI
TRACT.

Med Cond Aggravated By Exp: NK

Emergency/First Aid Proc: EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER 15
MINUTES. CALL DR. SKIN: WASH W/SOAP & WATER. GET MEDICAL AID IF IRRITATION
DEVELOPS. INHALATION: GET FRESH AIR. GET MEDICAL AID FOR ANY BREATHING
DIFFICULTY. INGESTION: IF LARGE AMOUNTS WERE SWALLOWED GET MEDICAL AID.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: SWEEP UP & CONTAINERIZE SMALL SPILLS FOR
RECLAMATION OR DISPOSAL. VACUUMING/WET SWEEPING MAY BE USED TO AVOID DUST
IN PERSAL. LARGE: SHOVEL/SWEEP UP & CONTAINERIZE FOR DISPOSAL.

Neutralizing Agent: NK

Waste Disposal Method: UNSAVEABLE PRODUCT MAY BE DELIVERED TO APPROVED
WASTE DISPOSAL FACILITY. OR IF LOCAL REGS ALLOW CAN BE DISSOLVED IN
SUFFICIENT AMOUNTS OF WATER TO MEET WATER QUALITY STANDARDS & FLUSHED DOWN
SEWER. COMPLY W/ALL LOCAL, STATE, FEDERAL REGULATIONS.

Precautions-Handling/Storing: TRANSPORT IN DRY EQUIPMENT. STORE IN DRY
LOCATION.

Other Precautions: NK
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Control Measures
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Respiratory Protection: FOR CONDITIONS OF USE WHERE EXPOSURE TO DUST
APPARENT, A NIOSH APPROVED DUST/MIST RESPIRATOR MAY BE WORN. FOR
EMERGENCIES A SCBA MAY BE NECESSARY.

Ventilation: DILUTION SATISFACTORY CONTROL. IF CONDITIONS CREATE
DISCOMFORT TO WORKER LOCAL EXHAUST SHOULD BE CONSIDERED.

Protective Gloves: IF NECESSARY

Eye Protection: CHEMICAL SAFETY GOGGLES, NO CONTACTS.

Other Protective Equipment: MAINTAIN EYEWASH FOUNTAIN & QUICK DRENCH
FACILITIES IN WORK AREAS. IF DEEMED NECESSARY, CLEAN BODY COVERING
CLOTHING.

Work Hygienic Practices: NK

Suppl. Safety & Health Data: NK

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Transportation Data
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Trans Data Review Date: 96278
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
DOT/DoD Exemption Number: NK
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
MMAC Code: NK
N.O.S. Shipping Name: NK
Additional Trans Data: NK

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Disposal Data
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Label Data
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