

SIGMA CHEMICAL -- S8501 SUCROSE GRADE II
MATERIAL SAFETY DATA SHEET
NSN: 655000F054118
Manufacturer's CAGE: 21076
Part No. Indicator: A
Part Number/Trade Name: S8501 SUCROSE GRADE II

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General Information
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Company's Name: SIGMA CHEMICAL COMPANY
Company's Street: 3050 SPRUCE ST
Company's P. O. Box: 14508
Company's City: SAINT LOUIS
Company's State: MO
Company's Country: US
Company's Zip Code: 63178-5000
Company's Emerg Ph #: 314-771-5765/800-325-3010
Company's Info Ph #: 314-771-5765/800-325-3010
Safety Data Action Code: A
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 19MAY97
Safety Data Review Date: 14JUL97
Preparer's Company: SIGMA CHEMICAL COMPANY
Preparer's St Or P. O. Box: 3050 SPRUCE ST
Preparer's City: SAINT LOUIS
Preparer's State: MO
Preparer's Zip Code: 63178-5000
MSDS Serial Number: CFGNB

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: SUCROSE
Ingredient Sequence Number: 01
Ingredient Action Code: A
NIOSH (RTECS) Number: WN6500000
CAS Number: 57-50-1
ACGIH TLV: 10 MG/CUM

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Physical/Chemical Characteristics
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Appearance And Odor: WHITE CRYSTALS
Melting Point: 372-375.8F

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Fire and Explosion Hazard Data
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Extinguishing Media: WATER SPRAY, CO2, DRY CHEMICAL POWDER/APPROPRIATE
FOAM
Special Fire Fighting Proc: WEAR SELF CONTAINED BREATHING APPARATUS &
PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN & EYES.
Unusual Fire And Expl Hazrds: EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): FIRE, HEAT
Materials To Avoid: STRONG OXIDIZING AGENTS
Hazardous Decomp Products: CO, CO2
Hazardous Poly Occur: NO

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Health Hazard Data
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LD50-LC50 Mixture: ORAL LD50(RAT): 29700 MG/KG
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: MAY BE HARMFUL BY INHALATION, INGESTION/SKIN
ABSORPTION. MAY CAUSE EYE/SKIN IRRITATION. INHALATION: MATERIAL MAY BE
IRRITATING TO MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: IRRITATION
Emergency/First Aid Proc: EYES: IMMEDIATELY FLUSH W/COPIOUS AMOUNTS OF
WATER FOR 15 MINS. SKIN: IMMEDIATELY WASH W/SOAP & COPIOUS AMOUNTS OF
WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY.
INGESTION: WASH OUT MOUTH W/WATER IF CONSCIOUS. OBTAIN MEDICAL ATTENTION IN
ALL CASES.
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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: WEAR PROTECTIVE EQUIPMENT. SWEEP UP, PLACE
IN A BAG & HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA &
WASH SITE AFTER MATERIAL PICKUP IS COMPLETE.
Waste Disposal Method: DISSOLVE IN WATER, DILUTE TO 5% SOLUTION. ADJUST PH
TO 7. POUR DOWN THE DRAIN W/RUNNING WATER, CONTINUE TO FLUSH DRAIN SYSTEM
FOR 10 MINS. IF UNABLE TO FLUSH, USE A LICENSED WASTE DISPOSAL COMPANY.
DISPOSE OF IAW/LOCAL, STATE & FEDERAL REGULATIONS.
Precautions-Handling/Storing: STORE IN A COOL, DRY PLACE. KEEP TIGHTLY
CLOSED.
Other Precautions: DON'T BREATHE DUST. DON'T GET IN EYES, ON SKIN/ON
CLOTHING.
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Control Measures
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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR IN
NONVENTILATED AREAS/FOR EXPOSURE >THE ACGIH TLV.
Ventilation: MECHANICAL EXHAUST REQUIRED.
Protective Gloves: CHEMICAL RESISTANT
Eye Protection: CHEMICAL SAFETY GOGGLES
Other Protective Equipment: SAFETY SHOWER & EYE BATH
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE. WASH THOROUGHLY AFTER HANDLING.
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Transportation Data
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Disposal Data
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Label Data
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