

SIGMA CHEMICAL COMPANY -- STARCH CORN;S4126 -- 6810-01-222-6457

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

Product ID:STARCH CORN;S4126
MSDS Date:06/09/1992
FSC:6810
NIIN:01-222-6457
MSDS Number: BSFTH
=== Responsible Party ===
Company Name:SIGMA CHEMICAL COMPANY
Box:14508
City:ST. LOUIS
State:MO
ZIP:63178
Country:US
Info Phone Num:314-771-5765/FAX 800-325-5052
Emergency Phone Num:314-771-5765
CAGE:21076

=== Contractor Identification ===

Company Name:SIGMA CHEMICAL COMPANY
Address:3050 SPRUCE ST
Box:14508
City:ST LOUIS
State:MO
ZIP:63178
Country:US
Phone:314-771-5765
CAGE:21076

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

Ingred Name:STARCH
CAS:9005-25-8
RTECS #:GM5090000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:ALLERGEN,MILDLY
IRRITATING.EYES/SKIN:MAY CAUSE IRRITATION.INGEST:NOT REPORTED.
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Effects of Overexposure:EYES/SKIN/INHAL:IRRITATION.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING
RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====

First Aid:INGEST:IF CONSCIOUS,WASH MOUTH WITH WATER.CALL
PHYSICIAN.SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.CALL
PHYSICIAN.INHAL:REMOVE TO FRESH AIR.CALL PHYSICIAN IF BREATHING
BECOME DIFFICULT.EYES:FL USH WITH WATER,WHILE HOLDING LIDS OPENED
FOR AT LEAST 15 MINUTES.CALL PHYSICIAN.

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Fire Fighting Measures
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Flash Point:NONE

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL POWDER, APPROPRAITE
FOAM.Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:DUS-AIR MIXTURE MAY EXPLODE IF IGNITED.

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Accidental Release Measures
=====Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT.SWEEP UP AND PLACE
IN A BAG FOR DISPOSAL.AVOID CREATING DUST.

Neutralizing Agent:NONE

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Handling and Storage
=====Handling and Storage Precautions:KEEP CONTAINERS CLOSED.USE WITH
ADEQUATE DUST CONTROL.

Other Precautions:AVOID MAKING DUST.AVOID SKIN AND EYE CONTACT.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST.

Ventilation:NON-SPARKING MECHANICAL EXHAUST.

Protective Gloves:CHEMICALLY RESISTANT

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING, AS NEEDED.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.

Supplemental Safety and Health

NONE

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Physical/Chemical Properties
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HCC:N1

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Solubility in Water:SOLUBLE @100C

Appearance and Odor:POWDER, FINE; WHITE; ODORLESS

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:CREATING DUST+SOURCES OF IGNITION.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

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Disposal Considerations
=====Waste Disposal Methods:DISSOLVE/MIX WITH A COMBUSTIBLE SOLVENT AND BURN
IN A CHEMICAL INCINERATOR WITH WITH AFTERBURNER AND
SCRUBBER.DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL
REGULATIONS.

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