

WARD'S NATURAL SCIENCE ESTABLISHMENT INC. -- MALTOSE,39 W 2286 -- 6810-01-056-2866

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Product Identification
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Product ID: MALTOSE,39 W 2286

MSDS Date: 08/03/1994

FSC: 6810

NIIN: 01-056-2866

MSDS Number: CDYGT

=== Responsible Party ===

Company Name: WARD'S NATURAL SCIENCE ESTABLISHMENT INC.

Box: 92912

City: ROCHESTER

State: NY

ZIP: 14692-9012

Country: US

Info Phone Num: 716-359-2502

Emergency Phone N

um: 716-226-6177/800-424-9300(CHEMTREC)

Preparer's Name: MICHAEL RESZEJA

CAGE: EO227

=== Contractor Identification ===

Company Name: WARD'S NATURAL SCIENCE ESTABLISHMENT INC.

Box: 92912

City: ROCHESTER

State: NY

ZIP: 14692-9012

Country: US

Phone: 716-359-2502

CAGE: EO227

Company Name: WARD'S NATURAL SCIENCE ESTABLISHMENT INC

Address: 5100 W HENRIETTA RD

Box: 92912

City: ROCHESTER

State: NY

ZIP: 14692-9012

Country: US

Phone: (716) 359-2502

CAGE: 63759

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Composition/Information on Ingredients
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Ingred Name:MALTOSE
CAS:69-79-4
RTECS #:OO5250000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 34,800 MG/KG.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES. ACUTE- EYES:NO
ADVERSE EFFECTS EXPECTED BUT DUST MAY CAUSE MECHANICAL IRRITATION.
SKIN:NO ADVERSE
EFFECTS EXPECTED. INHALATION:NOT EXPECTED TO BE A
HEALTH HAZARD. ORAL:LARGE ORAL DOSES MAY CAUSE GASTROINTESTINAL
DISTURBANCES. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYE IRRITATION, ABDOMINAL DISCOMFORT
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING EYE
PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST.
EYE:FLUSH WITH PLENTY OF
WATER. HOLD EYELIDS OPEN. SKIN:FLUSH WITH WATER. INHALED:REMOVE TO
FRESH AIR. ORAL:IF CONSCIOUS, DRINK 1-2 GLASSES OF WATER & INDUCE
VOMITING. CALL PHYSICIAN. NEVER GIVE FLUID OR INDUCE VOMITING IF
PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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===== Fire Fighting Measures =====

Flash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE (CO2) OR DRY CHEMICAL

(ABC). USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:AS WITH ANY FINELY DIVIDED ORGANIC SOLID, DUST MAY BE EXPLOSIVE IF MIXED WITH AIR IN CRITICAL PROPORTIONS AND IN THE PRESENCE OF AN IGNITION SOURCE.

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

Spill Release Procedures:F

LUSH TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED. OTHERWISE, SWEEP UP AND PLACE IN A CONTAINER FOR REUSE OR DISPOSAL. AVOID DUST GENERATION. CLEAN SURFACE WITH WATER TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY AREA AWAY FROM STRONG OXIDIZING AGENTS. KEEP CONTAINERS TIGHTLY CLOSED. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:

DO NOT GET IN EYES. AVOID INHALATION OF DUSTS. KEEP OUT OF REACH OF CHILDREN. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD/HOUSEHOLD USE. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:NONE NEEDED IN NORMAL LABORATORY HANDLING. IF DUSTY SITUATIONS PREVAIL, WORK IN VENTILATION HOOD OR WEAR NIOSH-APPROVED DUST RESPIRATOR OR MASK.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP DUST LEVELS A

S LOW AS POSSIBLE.

Protective Gloves:LATEX RECOMMENDED

Eye Protection:SAFETY GLASSES RECOMMENDED

Other Protective Equipment:EYE BATH, WASHING FACILITIES, LAB COAT

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:216F,102C

Vapor Density:12.4

Viscosity:

NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE CRYSTALLINE POWDER - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS (NITRIC ACID, POTASSIUM PERMANGANATE,
CHLORATES. ETC..)

Stability Condition to Avoid:EXTREME HEAT, DUST ACCUMULATION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE MAY BE
FORMED.

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

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECOVERY MAY BE
BURNED IN AN APPROVED INCINERATOR OR DISPOSED IN AN APPROVED WASTE
FACILITY. ENSURE COMPLIANCE WITH LOCAL, STATE AND FEDERAL
REGULATIONS.

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