

**MATERIAL SAFETY DATA SHEET  
SECTION I - PRODUCT IDENTIFICATION**

MANUFACTURER'S NAME: **DOMINO SUGAR CORPORATION** INFORMATION & EMERGENCY TELEPHONE NO. (212) 789-9700

ADDRESS (Number, Street, City, State, and ZIP Code): **1114 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10036-7783** DATE THIS SHEET WAS PREPARED: **6/13/94**

LABEL IDENTIFICATION: **DOMINO PURE CANE GRANULATED SUGAR**

CHEMICAL NAME AND COMMON NAME: **SUCROSE GRANULATED SUGAR**

CHEMICAL FAMILY: **CARBOHYDRATE**

FORMULA: **C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>**

HAZARD INFORMATION LABEL	
Hazard Code	
4=Extreme	
3=High	Flammability .....2....
2=Moderate	Health .....0....
1=Slight	Reactivity .....0....
0=Insignificant	Special .....0....

**SECTION II HAZARDOUS MATERIAL IDENTITY INFORMATION**

PRODUCT OR FIRST INGREDIENT	SECOND INGREDIENT	THIRD INGREDIENT	FOURTH INGREDIENT
CHEMICAL NAME: <b>SUCROSE</b>			
COMMON NAME: <b>GRANULATED SUGAR</b>			
CAS NO.: <b>57-50-1</b>			
% OF PRODUCT: <b>100</b>			

OSHA PEL: 8 Hour TWA  
 Total Particulates - 15mg./m<sup>3</sup>  
 Inhalable Particulates - 5mg./m<sup>3</sup>

**SECTION III - PHYSICAL AND CHEMICAL DATA**

BOILING POINT (°C): <b>N/A</b>	MELTING POINT (°C) SUCROSE: <b>186</b>
VAPOR PRESSURE (mm Hg.): <b>N/A</b>	SPECIFIC GRAVITY (H <sub>2</sub> O =1): <b>1.55</b>
VAPOR DENSITY (AIR =1): <b>N/A</b>	PERCENT VOLATILE BY WEIGHT: <b>0.05</b>
SOLUBILITY IN WATER: <b>READILY SOLUBLE</b>	pH (as is <b>N/A</b> ) ( <b>50 % DILUTION</b> ): <b>6.8</b>
WATER ACTIVITY (A <sub>w</sub> ): <b>&lt;0.2</b>	EVAPORATION RATE (Butyl Acetate = 1): <b>N/A</b>
APPEARANCE: <b>WHITE CRYSTALS</b>	MATERIAL IS: PASTE <input type="checkbox"/> GRANULES <input checked="" type="checkbox"/> POWDER <input type="checkbox"/>
ODOR: <b>ODORLESS</b>	SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS <input type="checkbox"/>

**SECTION IV- PHYSICAL (FIRE AND EXPLOSION) HAZARD DATA**

FLASH POINT (Method Used): <b>N/A</b>	Flammable Limits: <b>N/A</b>	LeI: <b>*</b>	Uel: <b>N/A</b>
EXTINGUISHING MEDIA: <b>WATER. SUGAR IS A CLASS A COMBUSTIBLE MATERIAL.</b>			
SPECIAL FIRE FIGHTING PROCEDURES: <b>TREAT AS A CLASS A FIRE; USE WATER SPRAY OR FOG IN DUSTY AREAS.</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS: <b>*SUGAR DUST HAS A CLOUD IGNITION TEMP OF 370°C AND MAY BE EXPLOSIVE IN AIRBORNE CONCENTRATIONS OF 0.045 OZ/FT<sup>3</sup> (45 G/M<sup>3</sup>) OR HIGHER.</b>			

SECTION V - REACTIVITY DATA

STABILITY  UNSTABLE  STABLE CONDITIONS TO AVOID TEMPERATURE IN EXCESS OF 367°F (186°C) WILL CAUSE SUCROSE TO MELT WITH DECOMPOSITION.

COMPATIBILITY (Materials to avoid) NONE

HAZARDOUS DECOMPOSITION PRODUCTS NONE UNDER NORMAL STORAGE CONDITIONS

HAZARDOUS POLYMERIZATION  MAY OCCUR  WILL NOT OCCUR CONDITIONS TO AVOID NONE

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INGESTION NO INHALATION YES SKIN ABSORPTION NO

HEALTH HAZARDS (Acute and chronic) NUISANCE DUST. EXCEPT AS INDICATED BELOW.

CARCINOGENICITY NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

SIGNS AND SYMPTOMS OF EXPOSURE OVEREXPOSURE MAY IRRITATE EYES, NOSE AND/OR LUNGS. CONTINUED OVEREXPOSURE MAY LEAD TO INCREASED SENSITIVITY WHICH IS REVERSIBLE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE ANY PRE-EXISTING UPPER RESPIRATORY AILMENT OR ALLERGIC SENSITIVITY.

EMERGENCY AND FIRST AID PROCEDURES FLUSH EYES WITH WATER; PROVIDE ADEQUATE VENTILATION, E.G. FRESH AIR; IN CASE OF RESPIRATORY DIFFICULTY, OBTAIN IMMEDIATE MEDICAL ATTENTION.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

NO SPECIAL REQUIREMENTS WASTE DISPOSAL METHOD

NO SPECIAL REQUIREMENTS PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING KEEP AREA WELL VENTILATED AND FREE OF SUGAR, ESPECIALLY ON OVERHEAD SURFACES. AVOID OPEN FLAME, SPARKS AND OTHER IGNITION SOURCES.

OTHER PRECAUTIONS DUST COLLECTION SYSTEMS SHOULD BE PROVIDED WITH EXPLOSION VENTING AND AUTOMATIC FIRE PROTECTION.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type) USE NIOSH APPROVED DUST RESPIRATOR IN DUSTY AREAS.

VENTILATION LOCAL EXHAUST YES SPECIAL N/A MECHANICAL YES OTHER N/A

PROTECTIVE GLOVES NOT REQUIRED EYE PROTECTION GOGGLES WILL REDUCE EXPOSURE

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

NOT REQUIRED WORK/HYGIENIC PRACTICES

GOOD HOUSEKEEPING PRACTICES TO MINIMIZE DUST ACCUMULATIONS.