

# MATERIAL SAFETY DATA SHEET

9/13/02

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME      CLEAR STAR STARCH

PRODUCT CODE      N/A

TEAM SYSTEMS

800-652-0717

**EMERGENCY TELEPHONE NUMBER**

217-224-5861

FAX 281-499-5283

## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

### EXPOSURE LIMITS

HAZARDOUS  
INGREDIENTS

CAS No.

OSHA  
PEL/TLV

ACGIH TLV

STEL

OTHER  
LIMITS

CARBOHYDRATE

## SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY  
OVERVIEW

Powdered material may form explosive dust-air mixtures.

POTENTIAL HEALTH EFFECTS

**INGESTION**

No hazard in normal industrial use.

**INHALATION**

No hazard in normal industrial use.

**EYE CONTACT**

May cause slight irritation.

**SKIN CONTACT**

No hazard in normal industrial use.

## SECTION 4 – FIRST AID MEASURES

INGESTION

None

INHALATION

No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

EYE CONTACT

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

SKIN CONTACT

Wash with soap and water.

NOTE TO  
PHYSICIAN

## SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT / METHOD

360 – 570 degrees C

FLAMMABLE  
LIMITS

Not applicable

% VOLATILE

EXTINGUISHING MEDIA

Water, dry chemical

SPECIAL FIRE FIGHTING  
PROCEDURES

Avoid procedures that could cause a secondary explosion.

FIRE AND EXPLOSION  
HAZARDS

Explosive in specific dust concentrations – dust precaution required.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

RESPONSE  
TO SPILLS

Vacuum or sweep up material and place in disposal container. Avoid procedures that could cause a dust cloud to be formed.

## SECTION 7 – HANDLING AND STORAGE

HANDLING  
PRECAUTIONS

Use with adequate ventilation. May form dust-air mixtures.

STORAGE  
PRECAUTIONS

Store in dry area.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIONS

HYGIENIC PRACTICES

ENGINEERING CONTROLS

Spark free ventilation should be sufficient to control airborne levels.

X

RESPIRATOR

NIOSH approved dust mask.

X

GOGGLES / FACE SHIELD

Safety glasses/shield

APRON

Not applicable

GLOVES

Not applicable

BOOTS

Not applicable

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	White powder	BOILING POINT	Not applicable
ODOR	Odorless	VAPOR PRESSURE	Not applicable
PH		VAPOR DENSITY	Not applicable
SPECIFIC GRAVITY	1.5 – 1.6	EVAPORATION RATE (butyl acetate=1)	
SOLUBILITY IN WATER	COLD – Partially soluble HOT - gelatinizes		

**SECTION 10 – STABILITY AND REACTIVITY**

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	None					
INCOMPATIBILITY	Oxidizing materials					
HAZARDOUS PRODUCTS OF DECOMPOSITION	None					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	

**SECTION 11 – TOXICOLOGICAL INFORMATION****CARCINOGENICITY**

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910.Z

**OTHER EFFECTS**

ACUTE	
CHRONIC	
ORAL LD/50	

**SECTION 12 – DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL	Waste disposal should be in accordance with existing federal, state and local environmental regulations.
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**SECTION 13 – TRANSPORT INFORMATION**

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION						
MFG. HM CODE						

**SECTION 14 – OTHER INFORMATION****HMIS CLASSIFICATION**

0	BLUE	HEALTH HAZARD
1	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
0	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by TEAM SYSTEMS in connection with the use of this information.