

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200
SECTION I

Ortman-McCain Company
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TRADE NAME: OMC Spray Powder
ALL GRADES

SECTION II

Hazardous Ingredients / Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	OTHER LIMITS	%
Chemical Name: Starches	N/A	30 mp pcf	10/mg/M ³	
Chemical Family: Carbohydrates				
CAS# 9005-25-8				
HMIS RATING: H-0, F-0, R-0				
DOT Classification - 55 Non hazardous food grade starch				
Dry powdered starch NOI				
NMFC- 178760 Sub 2				
This product is a food starch and contains no carcinogens				
VOC = 0				

SECTION III

Physical / Chemical Characteristics

Boiling Point:	N/A	Specific Gravity (H2O = 1)	1.5-1.6
Vapor Pressure:	N/A	Melting Point:	N/A
Vapor Density (air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1):	N/A
Solubility in water:	COLD - insoluble	HOT- slightly soluble	

Appearance and Odor: White free flowing powdered starch with slight cereal odor.

SECTION IV

Fire and Explosion Data

Flash Point (Method Used)	DUST TEST 360 - 575 °C
Flammable Limits:	LEL 70M UEL N/A
Extinguishing Media	DRY CHEMICAL FIRE EXTINGUISHERS OR WATER SPRAY
Special Fire Fighting Procedures	AVOID CREATING DUST THAT MAY CAUSE SECONDARY EXPLOSION.
Unusual Fire and Explosion Hazards:	EXPLOSIVE IN SPECIFIC DUST CONCENTRATIONS ONLY

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SECTION V

Reactivity Data

STABILITY	STABLE	XX	CONDITIONS TO AVOID: N/A
INCOMPATIBILITY (MATERIALS TO AVOID):	AVOID CONTACT WITH SODIUM CHLORITE OR OTHER		
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	NONE	OXIDIZING MATERIALS	
HAZARDOUS	CONDITIONS TO AVOID: N/A		
POLYMERIZATION	WILL NOT OCCUR	XX	

SECTION VI

HEALTH HAZARD DATA

ROUTES OF ENTRY INHALATION? PRIMARY	SKIN	INGESTION
HEALTH HAZARDS (ACUTE & CHRONIC):	SECONDARY	N/A
UNKNOWN: THIS MATERIAL IS A FOOD STARCH WITH NO KNOWN LIMIT VALUES		
CARCINOGENICITY:	NTP?	IARC MONOGRAPHS?
NOT A CARCINOGEN	NONE	OSHA REGULATED?
SIGNS AND SYMPTOMS OF EXPOSURE:	NO KNOWN ADVERSE HEALTH AFFECTS.	
STARCH POWDERS WILL DIGEST WITHIN BODY FLUIDS IN 24 HOURS OR BEFORE		
MEDICAL CONDITIONS		
GENERALLY AGGRAVATE BY EXPOSURE:	MAY SCRATCH OR AGGRAVATE EYE SURFACE	
EMERGENCY AND FIRST AID PROCEDURES	EYES: FLUSH EYES WITH WATER UNTIL CLEAR	
IF AGGRAVATION CONTINUES CONSULT MEDICAL ATTENTION.		

SECTION VII

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS IN CASE MATERIAL IS RELEASED OR SPILLED DRY SWEEP USING DUST CONTROL
 FLOOR SWEEPING COMPOUND OR FLUSH WITH WATER INTO SEWER SYSTEM
 WASTE DISPOSAL METHOD SEWER SYSTEM OR CONSULT FEDERAL, STATE AND
 LOCAL CODES FOR STARCH DUST REMOVAL
 PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE AT AMBIENT TEMPERATURES

FIRE HAZARDS SHOULD BE AVOIDED. ADEQUATE SPRINKLER SYSTEM
 OTHER PRECAUTIONS: KEEP CONTAINERS CLOSED WHEN NOT IN USE

SECTION VIII

CONTROL MEASURES

RESPIRATORY PROTECTION:	Not required **		
VENTILATION	LOCAL EXHAUST	TO OUTSIDE	SPECIAL N/A
	MECHANICAL	DUST & SPARK PROOF	OTHER: NA
PROTECTIVE GLOVES	NOT REQUIRED **		

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NOT REQUIRED
 WORK/HYGIENIC PRACTICES: COMMON SENSE: KEEP EQUIPMENT CLEAN,
 AVOID SMOKING AND AVOID BUILD UP ON LIGHTS AND CEILING BEAMS WHICH MAY
 CAUSE DANGEROUS DUST CONCENTRATIONS TO FALL.

**Although this is a food grade product and is not considered hazardous to exposure,
 more sensitive users may find this powder to have an effect on mucus membranes,
 we then suggest the use of a standard nuisance dust mask and protective safety glasses.

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