

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-900/9005-84-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

9005-84-9

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

STARCH,SOLUBLE,ACS Environmental Wt: Other REC

**Other REC Limits:**

N/P

**OSHA PEL:**

S,100 PPM

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

S, 5 PPM; 9192

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

N/P

**Ventilation:**

USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

**Protective Gloves:**

GLOVES.

**Eye Protection:**

SAFETY GLASSES, SPLASH GOGGLES.

**Other Protective Equipment:**

Equipment LAB COAT. FULL SUIT. BOOTS. SUGGESTED PROTECTIVE CLOTHING MIGHT NOT BE SUFFICIENT; CONSULT A SPECIALIST BEFORE HANDLING THIS PRODUCT.

**Work Hygienic Practices:**

4 STANDARD HYGENIC PRATICE

**Supplemental Safety and Health:**

N/R

## Health Hazards Data

**LD50/LC50 Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

NO

**Skin:**

YES

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

ACUTE: VERY SLIGHTLY TO SLIGHTLY DANGEROUS IN CASE OF SKIN CONTACT (IRRITANT), OF EYE CONTACT (IRRITANT), OF INGESTION OR INHALATION. CHRONIC: THERE ARE NO KNOWN EFFECT FROM CHRONIC EXPOSURE TO THIS PRODUCT.

**Explanation Of Carcinogenicity:**

2 CARCINOGENIC EFFECTS: NOT AVAILABLE. MUTAGENIC EFFECTS: NOT AVAILABLE. TERATOGENIC EFFECTS: NOT AVAILABLE.

**Signs And Symptoms Of Overexposure:**

N/P

**Medical Cond Aggravated By Exposure:**

REPEATED OR PROLONGED EXPOSURE IS NOT KNOWN TO AGGRAVATE MEDICAL CONDITION.

**First Aid:**

EYE-RINSE WITH WATER FOR A FEW MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES QUICKLY. PLACE VICTIM UNDER A DELUGE SHOWER. GENTLY & THOROUGHLY WASH SKIN WITH RUNNING WATER & NONABRASIVE SOAP. COVER THE SKIN WITH AN EMOULSION. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. INHALATION-ALLOW THE VICTIM TO REST IN A WELL VENTILATED AREA. SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION-REMOVE DENTURES IF ANY. GIVE CONSCIOUS PERSON SEVERAL GLASSES OF WATER/MILK. INDUCE VOMITING BY STICKING FINGER IN T

**Spill Release Procedures:**

USE APPROPRIATE TOOLS TO PUT THE SPILLED SOLID IN A CONVENIENT WASTE DISPOSAL CONTAINER. FINISH CLEANING BY SPREADING WATER ON THE CONTAMINATED SURFACE AND DISPOSE OF ACCORDING TO LOCAL AND REGIONAL AUTHORITY REQUIREMENTS.

**Neutralizing Agent:**

N/R

**Waste Disposal Methods:**

RECYCLE TO PROCESS, IF POSSIBLE. CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.

**Handling And Storage Precautions:**

KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION. EMPTY CONTAINERS POSE A FIRE RISK, EVAPORATE THE RESIDUE UNDER A FUME HOOD. GROUND ALL EQUIPMENT. DO NOT BREATHE DUST. KEEP CONTAINER DRY. KEEP IN COOL PLACE. KEEP CONTAINER TIGHTLY CLOSED. KEEP IN A COOL WELL-VENTILATED PLACE.

**Other Precautions:**

MATERIAL SHOULD BE STORED AWAY FROM EXTREME HEAT AND AWAY FROM STRONG OXIDIZING AGENTS.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P 3

**Flash Point:**

**Flash Point Text:**

N/R

**Autoignition Temp:**

=380.C, 716.F

**Autoignition Temp Text:**

N/K

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

SMALL FIRES-USE DRY CHEMICALS, CARBON DIOXIDE, WATER SPRAY OR FOAM. LARGE FIRES-USE WATER SPRAY, FOG OR FOAM. DO NOT USE WATER JET.

**Fire Fighting Procedures:**

NONE NOTED

**Unusual Fire/Explosion Hazard:**

COMBUSTIBLE, SLIGHTLY FLAMMABLE TO FLAMMABLE IN THE PRESENCE OF OPEN FLAMES AND SPARKS. VERY SLIGHTLY TO SLIGHTLY FLAMMABLE IN PRESENCE OF HEAT.

## Physical/Chemical Properties

**HCC:**

N/K

**NRC/State IC No:**

**Net Prop WT For Ammo:**

N/R

**Boiling Point:**

N/R

**B.P. Text:**

N/R

**Melt/Freeze Pt:**

DECOMPOSES

**M.P./F.P. Text:**

DECOMPOSES

**Decomp Temp:**

N/R

**Decomp Text:**

N/K

**Vapor Pres:**

N/R

**Vapor Density:**

N/R

**Volatile Org Content %:**

N/R

**Spec Gravity:**

N/K

**VOC Pounds/Gallon:**

N/R

**PH:**

6

**VOC Grams/Liter:**

N/R

**Viscosity:**

N/R

**Evaporation Rate & Reference:**

N/R

**Solubility in Water:**

N/P

**Appearance and Odor:**

SOLID.

**Percent Volatiles by Volume:**

N/R

**Corrosion Rate:**

N/R

**Reactivity Data:**

N/R

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

N/P

**Materials To Avoid:**

N/P

**Hazardous Decomposition Products:**

N/P

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/R

**Information:**

N/P

## MSDS Transport Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P

**Other Information:**

N/P