

# 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

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:**

### Respiratory Protection:

**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

**LD50LC50Mixture:**

**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, OF 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 EMOLLIENT. 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 THROAT.

**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.

**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:**  
N1

Net Prop WT For Ammo:

**Boiling Point:**

**B.P. Text:**  
N/R

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** 6

**VOC Grams/Liter:**

**Viscosity:**  
N/R

**Evaporation Rate & Ref:**  
N/R

**Solubility in Water:**  
N/P

**Appearance and Odor:**  
SOLID.

**Percent Volatiles by Vol:**  
N/R

**Corrosion Rate:**  
N/R

Reactivity Data

Stability indicator:  
YES

N/P

**Materials To Avoid:**  
N/P

**Hazardous Decomposition Products:**  
N/P 5

**Hazardous Polymerization Indicators:**  
NO

**Conditions To Avoid Polymerization:**  
N/R

---

**Toxicological Informa**

information.ly/f

MSDS 11a

## Regulator

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

### Other Information



For DSD use

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

**WARRANTY**  
The above information is believed to be correct but does not purport to be all inclusive and shall be used

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is

only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

applicable to the product with