

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-101/10192-30-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
10192-30-0  
**Code:**  
M

**RTECS:**  
WT3595000  
**Code:**  
M

**Name:**  
AMMONIUM BISULFITE (SARA III)

**Other REC Limits:**  
NOT ESTABLISHED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NONE NORMALLY REQUIRED.

**Ventilation:**  
MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

**Protective Gloves:**  
NONE NORMALLY REQUIRED.

**Eye Protection:**  
SAFETY GLASSES WITH SIDE SHIELDS.

**Other Protective Equipment:**  
Equipment NOT APPLICABLE

**Work Hygienic Practices:**  
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

**Supplemental Safety and Health:**  
IN 1980,KIT CAT #121 6407 WAS CHANGED TO 186 2176;KIT UNDER OLD CAT # HAD 6 PARTS(SEE PNI A TO F);NEW KIT HAS 7 PARTS(SEE PNI G TO M);THE CAT #186 5849 FOR EKTAPRINT 2 BLEACH-FIX,PART A WHEN STAND ALO NE BUT WHEN IN THE KIT THE CAT #186 2176 IS APPLIED TOBLEACH-FIX;MSDS OF CAT #186 5849 USED FOR KITCAT #;KEY1:C3;(4354)

## Health Hazards Data

**LD50LC50Mixture:**  
LD50 (ORAL RAT) IS UNKNOWN

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE: INHALATION: LOW HAZARD FOR RECOMMENDED HANDLING. EYES: NO SPECIFIC HAZARD KNOWN TO EASTMAN KODAK COMPANY. HOWEVER, ANY MATERIAL THAT CONTACTS THE EYE MAY BE IRRITATING. SKIN: LOW HAZARD FOR REC OMMENDED HANDLING. INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.

**Explanation Of Carcinogenicity:**  
NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

**Signs And Symptions Of Overexposure:**  
EYE IRRITATION.

**Medical Cond Aggravated By Exposure:**  
NONE SPECIFIED BY MANUFACTURER.

**First Aid:**  
EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GIVE 1-2 GLASSES OF WATE R TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

**Spill Release Procedures:**  
4 EVACUATE UNPROTECTED PERSONS,PROVIDE VENTILATION, SAFETY EQUIPMENTS IF NECESSARY.DIKE LARGE SPILL & PUMP INTO COVERED CONTNRS;ABSORB SMALL SPILL W/INERT MATL & PLACE IN SAME CONTNR;MFR SUGGESTS FLUSH DOWN TO SEWER W/LG AMT OF H<sup>+</sup>2O IAW EXISTING REGS.

**Neutralizing Agent:**  
NOT APPLICABLE.

**Waste Disposal Methods:**  
DISPOSAL, TREATMENT, OR DISCHARGE SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

**Handling And Storage Precautions:**  
KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE AND AWAY FROM ACIDS.

**Other Precautions:**  
AVOID PROLONGED OR REPEATED SKIN CONTACT WITH PRODUCT.REMOVE & WASH CONTAMINATED CLOTHING.WASH HANDS AFTER USE.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
NONE

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
USE APPROPRIATE AGENT FOR SURROUNDING FIRE.

**Fire Fighting Procedures:**  
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

**Unusual Fire/Explosion Hazard:**  
FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. 5

## Physical/Chemical Properties

**HCC:**  
C1

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
212F,100C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN 6

**Vapor Pres:**  
18

**Vapor Density:**  
0.6

**Volatile Org Content %:**

**Spec Gravity:**  
1.33

**VOC Pounds/Gallon:**

**PH:** 5.3

**VOC Grams/Liter:**

**Viscosity:**  
UNKNOWN

**Evaporation Rate & Reference:**  
UNKNOWN

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
CLEAR,COLORLESS LIQUID; SULFUR DIOXIDE ODOR

**Percent Volatiles by Volume:**  
45

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE SPECIFIED BY MANUFACTURER.

**Materials To Avoid:**  
STRONG ACIDS

**Hazardous Decomposition Products:**  
THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF SULFUR AND AMMONIA.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT APPLICABLE

## Toxicological Information

**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



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WARRANTY  
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