

GENIUM PUBLISHING CORP -- ACETONE -- 6810-01-324-6306

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Product Identification
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Product ID:ACETONE
MSDS Date:11/01/1988
FSC:6810
NIIN:01-324-6306
MSDS Number: BJLMW
=== Responsible Party ===
Company Name:GENIUM PUBLISHING CORP
Address:1145 CATALYN ST
City:SCHENECTADY
State:NY
ZIP:12303-1836
Country:US
Info Phone Num:518-377-8855
Emergency Phone Num:518-377-8855
Preparer's Name:P. J. IGOE

CAGE:5Z768
=== Contractor Identification ===
Company Name:GENIUM PUBLISHING CORPORATION
Address:1145 CATALYN ST
Box:City:SCHENECTADY
State:NY
ZIP:12303-1836
Country:US
Phone:518-377-8854
CAGE:5Z768

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Composition/Information on Ingredients
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Ingred Name:ACETONE (SARA III)
CAS:67-64-1
RTECS #:AL3150000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000PPM
ACGIH TLV:750PPM/1000STEL;9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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azards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 9750 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:VAPORS MAY BE IRRITATING TO SKIN, EYES, NOSE & THROAT. LIQUID MAY BE IRRITATING TO SKIN AND EYES. PROLONGED SKIN CONTACT MAY RESULT IN DERMATITIS. EYE CONTACT MAY RESULT IN TEMPORARY CORNEAL DAMAGE. INGESTION MAY CAUSE CENTRAL NERVOUS SYSTEM DEP

RESSION. CHRONIC EFFECTS OF OVEREXPOSURE MAY INCLUDE KIDNEY/LIVER DAMAGE.

Explanation of Carcinogenicity:THIS CHEMICAL IS NOT LISTED BY IARC, NTP, OR OSHA AS A SUSPECTED OR CONFIRMED CARCINOGEN.

Effects of Overexposure:INHALATION MAY CAUSE HEADACHE, NAUSEA, VOMITING, DIZZINESS, NARCOSIS, SUFFOCATION, LOWER BLOOD PRESSURE, AND CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION. INGESTION MAY CAUSE NAUSEA, VOMITING, HEADACHES, DIZZINESS, GASTROINTESTINAL IRRITATION AND CNS DEPRESSION

. VAPORS MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION.

Medical Cond Aggravated by Exposure:PERSONS WITH CHRONIC RESPIRATORY DISEASE, SKIN DISORDERS AND EYE DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE. TARGET ORGANS SKIN,EYES,RESPIRATORY SYSTEM AND CENTRAL NERVOUS SYSTEM (CNS).

===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

CALL A PHYSICIAN. EYE: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH WATER. INGESTION: GIVE LARGE AMOUNTS OF WATER TO DRINK ONLY IF CONSCIOUS AND INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:CC

Flash Point:1F,-17C

Autoignition Temp:Autoignition Temp Text:869F

Lower Limits:2.9

Upper Limits:12.8

Extinguishing Media:USE CARB

ON DIOXIDE, FOAM, OR DRY CHEMICAL. BLANKET
IF POSSIBLE TO SMOTHER FLAMES. USE WATER SPRAY ON SURROUNDING AREA.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. VAPOR IS HEAVIER
THAN AIR AND TRAVEL CONSIDERABLE DISTANCE AND FLASH BAC
K.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. ELIMINATE
ALL IGNITION SOURCES. STOP LEAK IF YOU CAN DO SO WITHOUT RISK. USE
WATER SPRAY TO REDUCE VAPORS. TAKE UP WITH SAND OR OTHER
NON-COMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINER FOR
LATER DISPOSAL.
Neutralizing Agent:DILUTE WITH WATER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED,
FLAMMABLE LIQUID STORAGE AREA. KEEP CONTAINERS TIGHTLY CLOSED. USE
WITH ADEQUATE VENTILATION. AVOID CONTACT.
Other Precautions:DO NOT BREATHE VAPOR OR MIST. DO NOT GET IN EYES.
WATER MAY BE INEFFECTIVE AS AN EXTINGUISHER IN CASE OF FIRE.
ELECTRICALLY GROUND AND BOND ALL CONTAINERS, PIPES ETC. USE WITH
ACETONE TRANSFER AND POURING ETC. FLAMMABLE VAPORS.

===== Exposure Controls/Personal Protection =====

Respirator
Protection:WEAR A NIOSH/MSHA APPROVED RESPIRATOR IF
VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV.
WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE SHIELD IF
REQUIRED FOR HIGH LEVELS OF CONTAMINATES.
Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV
REQUIREMENTS.
Protective Gloves:BUTYL RUBBER GLOVES ARE RECOMMENDED
Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. KEEP WORK AREA CLEAN AND WELL VENTILATED.

Supplemental Safety and Health

STORE IN A COOL, DRY, WELL VENTILATED, FLAMMABLE LIQUID STORAGE AREA. SOFT CONTACT LENSES MAY ABSORB IRRITANTS AND ALL CONTACT LENSES MAY CONCENTRATE IRRITANTS. WEARING OF CONTACT LENSES ARE NOT RECOMMENDED WHEN WORKING WITH ACETONE. AVOID ACETONE VAPORS AND DO NOT SMOKE, EAT OR DRINK AROUND ACETONE.

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:134F,57C

Melt/Freeze Pt:M.P/F.P Text:-137F,-94C

Vapor Pres:180 @68F

Vapor Density:2 AIR=1

Spec Gravity:0.778

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS, VOLATILE LIQUID WITH PLEASANT,SWEET ODOR

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS - ACETONE REACTS VIOLENTLY WITH NITRIC ACID, NITRATES, PERCHLORATES, HYDROGEN PEROXIDE DTC.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

WASTE ACETONE IS A HAZARDOUS WASTE (EPA # U002).

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