

GENIUM PUBLISHING CORP -- BENZALDEHYDE -- 6810-00-063-6955

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Product Identification
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Product ID: BENZALDEHYDE

MSDS Date: 11/01/1988

FSC: 6810

NIIN: 00-063-6955

MSDS Number: BWMBN

=== 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: CHEMICAL COMMODITIES AGENCY, INC.

Address: 27447 PACIFIC STREET

Box: City: HIGHLAND

State: CA

ZIP: 92346-2640

Country: US

Phone: 909-864-2310

CAGE: 60777

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: BENZALDEHYDE

CAS: 100-52-7

RTECS #: CU4375000

Fractio

n by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 1300 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:EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION AND CNS DEPRESSION.CHRONIC:MAY CAUSE LIVER DAMAGE OR DERMATITIS.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:INGEST:ABDOMINAL PAIN,ANESTHETIC,NARCOSIS,CONVULSIONS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING KIDNEY DAMAGE MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH

WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:UNLIKELY.GET PROMPT QUALIFIED MEDICAL ATTENTION.GASTRIC LAVAGEMAY BE PREFERRED TO EMESIS.

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

Flash Point:=62.8C, 145.F

Extinguishing Media:WATER,DRY CHEMICAL,CARBON DIOXIDE,FOAM.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL DISTANCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.DECOMPOSITION PRODUCTS MAY BE TOXIC.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.VENTILATE AREA.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.

Neutralizing Age

nt:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT, SPARKS, FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions:ROTATE STOCK; PERIODICALLY CHECK TO SEE IF THIS PRODUCT HAS BECOME OXIDIZED(YELLOW IS BAD).

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:USE LOCAL EXHAUST

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES.NO CONTACTS!!

Other Protective Equipment:PROTECTIVE CLOTHING, AS NEEDED. PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT. WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health
NONE

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

HCC:V4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:178.9C, 354.F

Melt/Freeze Pt:-56.1C, -69.F

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Density:3.7

Spec Gravity:1.1

Solubility in Water:INSOLUBLE

Appearance and Odor:LIQUID; CLEAR(YELLOWS UPON AGING); STRONG ALMOND ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
PERFORMIC ACID

Stability Condition to Avoid:HIGH H

EAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE.BENZALDEHYDE DECOMPOSES IN AIR TO BENZOIC ACID.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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