

WHITEWORTH INC (OUT OF BUSINESS) -- FORMALDEHYDE SOLUTION -- 6550-00-139-1321

===== Product Identification =====

Product ID: FORMALDEHYDE SOLUTION

MSDS Date: 05/25/1994

FSC: 6550

NIIN: 00-139-1321

MSDS Number: BTJBS

=== Responsible Party ===

Company Name: WHITEWORTH INC (OUT OF BUSINESS)

Address: 422 W. ALONDRA BLVD

City: GARDENA

State: CA

ZIP: 90248-2425

Country: US

Preparer's Name: HMIS STAFF

CAGE: KO199

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= Contractor Identification ===

Company Name: WHITEWORTH INC (OUT OF BUSINESS)

Address: 422 W. ALONDRA BLVD

Box: City: GARDENA

State: CA

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Company Name: WHITEWORTH INC.

Box: City: GARDENA

State: CA

Country: US

Phone: CO. OUT OF BUSINESS

CAGE: 58615

===== Composition/Information on Ingredients =====

Ingred Name: FORMALDEHYDE (SARA III) [% PER DLSC-TIR]

CAS: 50-00-0

RTECS #: LP8925000

Fraction by Wt: >10%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: SEE 1910.

1048
ACGIH TLV:C 0.3 PPM; A2; 9394
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingrid Name:METHYL ALCOHOL (METHANOL) (SARA III) [% IS PER DLSC-TIR]
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 10-15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 200 PPM
ACGIH TLV:S,200PPM/250STEL; 94
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL RAT LD50 = 800 MG/KG (FORMALDEHYDE)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION: MAY CAUSE TISSUE DAMAGE AND SERIOUS RESPIRATORY TRACT INJURY. SKIN: MAY CAUSE BURNS. EYES: MAY CAUSE PROFUSE LACRIMATION AND OCULAR DAMAGE. INGESTION: MAY CAUSE BURNING IN THE MOUTH AND ESOPHAGUS. MAY CAUSE LIVER AND KIDNEY DAMAGE. MAY CAUSE DEATH FROM CIRCULATORY FAILURE. CHRONIC: AS THOSE OF ACUTE.
Explanation of Carcinogenicity:STUDIES SHOW THAT REPEATED EXPOSURE TO LEVELS UP TO 14.3 PPM INDUCED NASAL CAVITY SQUAMOUS CELL CARCINOMA IN RATS.
Effects of Overexposure:INHALATION: MAY CAUSE EYE, NOSE & THROAT IRRITATION. MAY CAUSE DIFFICULTY IN BREATHING, BURNING OF THE NOSE & THROAT; OR EVEN PULMONARY EDEMA AND PNEUMONITIS. SKIN & EYES: IRRITATION, SENSITIZATION OF SKIN, LOSS OF VISION. INGESTION: JAUNDICE, ALBUMINURIA, HEMATURIA, ANURIA AND ACIDOSIS. MAY CAUSE DEATH.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN OR EYE DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE. PERSONS WITH LIVER, KIDNEY AND RESPIRATORY DISORDERS MAY ALSO BE AT INCREASED RISK.

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

First Aid:INHALATION: REMOVE TO FRESH AIR IMMEDIATELY. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING & SHOES. WASH AFFECTED AREA WITH SOAP & WATER. GET MEDICAL ATTENTION. EYE

: WASHEYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:TAKE UP WITH SAND OR OTHER ABSORBENT MATERIAL. APPLY UNIVERSAL GELLING AGENT TO IMMOBILIZE SPILL AS REQUIRED. VENTILATE AND EVACUATE AREA. ELIMINATE ALL SOURCES OF IGNITION. NEUTRALIZE & WASH RESIDUE WITH WATER. PLACE INTO DISPOSAL CONTAINER.
Neutralizing Agent:CEMENT POWDER OR FLY ASH

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM IGNITION SOURCES. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT AGAINST PHYSICAL DAMAGE.
Other Precautions:MAY BE IGNITED BY HEAT, SPARKS OR FLAMES. CONTAINER MAY EXPLODE IN HEAT OF FIRE. VAPOR EXPLOSION HAZARD INDOORS, OUTDOORS OR IN SEWERS. RUN-OFF TO SEWER MAY CREATE FIRE OR EXPLOSION HAZARD.

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

Respiratory Protection:SELECT NIOSH/MSHA APPROVED RESPIRATOR BASED ON CONTAMINATION LEVELS FOUND IN THE WORK PLACE USING NIOSH POCKET GUIDE TO CHEMICAL HAZARDS. SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR MOST CAS ES.
Ventilation:PROVIDE LOCAL EXHAUST OR PROCESS ENCLOSURE VENTILATION TO MEET THE PUBLISHED EXPOSURE LIMITS. USE EXPLOSION-PROOF EQUIP.
Protective Gloves:BUTYL OR NITRILE RUBBER.
Eye Protection:SPL

ASH PROOF SAFETY GOGGLES/FACESHIELD.

Other Protective Equipment:PROTECTIVE CLOTHING AND EQUIPMENT TO PREVENT ANY POSSIBILITY OF SKIN CONTACT. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

MSDS GENERATED FOR TECHNICAL SUPPORT BY DLA-HMIS STAFF. COMPANY IN OUT OF BUSINESS AND MSDS UNAVAILABLE. MSDS IS WRITTEN/GENERATED FOR "PURE" FORMALDEHYD

E; PRODUCT IS ACTUALLY A SOLUTION OF FORMALDEHY

DE. PSN AND HCC ARE BEST GUESS-FORMALDEHYDE AND METHANOL ARE BOTH INGREDIENTS-FLAMMABILITY IS ASSUMED.

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

HCC:V4

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:THERMAL

DECOMPOSITION PRODUCTS MAY

INCLUDE UNBURNED FORMALDEHYDE, UNBURNED METHYL ALCOHOL, AND OXIDES OF CARBON.

Conditions to Avoid Polymerization:MAY UNDERGO A NON-HAZARDOUS

SELF-POLYMERIZATION TO FORM PARAFORMALDEHYDE WHICH PRECIPITATES OUT OF SOLUTION.

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

Waste Disposal Methods:DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE & LOCAL REGULATIONS. INCINERATION RECOMMENDED.

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