

DIAGRAPH CORP -- 0968500 GP-X WHITE MARKER -- 7520-00-558-1487

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

Product ID:0968500 GP-X WHITE MARKER

MSDS Date:11/20/1993

FSC:7520

NIIN:00-558-1487

MSDS Number: BXNXJ

=== Responsible Party ===

Company Name:DIAGRAPH CORP

Address:RT 148 AND OGDEN RD

Box:520

City:HERRIN

State:IL

ZIP:62948-5000

Country:US

Info Phone Num:618-997-3321

Emergency Phone Num:618-997-3321

Pr

eparer's Name:PETER GIMSE

CAGE:IO074

=== Contractor Identification ===

Company Name:DIAGRAPH CORP

Address:3401 RIDER TRAILS S

Box:520

City:EARTH CITY

State:MO

ZIP:63045-1110

Country:US

Phone:314-739-1221

CAGE:90316

Company Name:DIAGRAPH CORP

Box:520

City:HERRIN

State:IL

ZIP:62948

Country:US

Phone:618-997-3321

CAGE:IO074

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

Ingred Name:XYLENE, DIMETHYLBENZENE, XYLOL (IARC - GROUP 3) \*95-1\*

CAS:1330-20-7

RTECS #:ZE2100000

Fra

ction by Wt: 20-40%  
Other REC Limits:100 PPM  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM, SKIN  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PROPYLENE GLYCOL METHYL ETHER (1-METHOXY-2-PROPANOL)  
PROPYLENE GLYCOL MONO METHYL ETHER

CAS:107-98-2  
RTECS #:UB7700000  
Fraction by Wt: 0-20%  
Other REC Limits:100 PPM  
ACGIH TLV:100 PPM

Ingred Name:ETHYL BENZENE \*95-1\*

CAS:100-41-4  
RTECS #:DA0700000  
Fraction by Wt: 0-20%  
Other REC Limits:100 PPM  
OSHA PEL:435 MG/CUM  
ACGIH TLV:434 MG/CUM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:TITANIUM DIOXIDE, TIO2 (SUSPECTED ANIMAL CARCINOGEN, IARC  
GROUP 3) \*95-1\*

CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 20-40%  
OSHA PEL:15 MG/CUM  
ACGIH TLV:10 MG/CUM (DUST)

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

LD50 LC50 Mixture:ORAL LD50(RAT): 4300 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SKIN: IRRITATION/

DERMATITIS. EYES:

IRRITATION. INHALATION: IRRITATION. INGESTION: LARGE CONCENTRATIONS, MAY BE FATAL. OVEREXPOSURE MAY CAUSE KIDNEY & LIVER DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, REDNESS, BLURRED VISION, DIZZINESS, FATIGUE, VOMITING, NAUSEA

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

First Aid:SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/WATER FOR 15 MINS.  
INHALATION: PROVIDE FRESH AIR & REST. INGESTION: DON'T INDUCE  
VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

=====  
Fire Fighting Measures  
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Flash Point Method:CC

Flash Point:70F

Lower Limits:1

Extinguishing Media:DRY CHEMICAL, FOAM, CO2

Unusual Fire/Explosion Hazard:A STRAIGHT STREAM OF WATER COULD SPREAD FIRE. A VPOR ACCUMULATION WILL FLASH &/EXPLODE IF IGNITED.

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Accidental Release Measures  
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Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. ABSORB ON  
INERT MATERIAL.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM ALL SOURCES OF IGNITION.

=====  
Exposure Controls/Personal Protection  
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Respiratory Protection:RECOMMENDED-ORGANIC VAPOR

Ventilation:NEEDED TO KEEP VAPOR CONCENTRATION BELOW TLV LEVEL.

Protective Gloves:NON-ABSORBENT

Eye Protection:RECOMMENDED

Other Protective Equipment:OIL RESISTANT FOOTWEAR, PROTECTIVE CLOTHING  
Supple

mental Safety and Health

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

Boiling Pt:B.P. Text:230F

Vapor Density:>1

Spec Gravity:1.272

Evaporation Rate & Reference:SLOWER THAN BU ACETATE

Appearance and Odor:WHITE LIQUID INK W/SOLVENT ODOR

Percent Volatiles by Volume:42

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:STATIC DISCHARGE, OPEN SPARKS/FLAMES

&

OTHER IGNITION SOURCES

Hazardous Decomposition Products:CO<sub>2</sub>, CO, HYDROCARBONS

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

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