

BIOLOGICAL STAIN COMMISSION -- ETHYL ALCOHOL/ORANGE "G"STAINING SOLN --  
6505-00-890-1567

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

Product ID:ETHYL ALCOHOL/ORANGE "G"STAINING SOLN

MSDS Date:01/01/1985

FSC:6505

NIIN:00-890-1567

MSDS Number: BFTYW

=== Responsible Party ===

Company Name:BIOLOGICAL STAIN COMMISSION

Address:UNIVERSITY OF ROCHESTER MEDICAL CENTER

Box:607

City:ROCHESTER

State:NY

ZIP:14242

Count

ry:US

Emergency Phone Num:NONE

CAGE:26326

=== Contractor Identification ===

Company Name:BIOLOGICAL STAIN COMMISSION BIOCHEMISTRY DEPT

Address:UNIVERSITY OF ROCHESTER MEDICAL CENTER

Box:607

City:ROCHESTER

State:NY

ZIP:14242

Country:US

Phone:716-275-2751

CAGE:26326

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

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

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Effects of Overexposure:IRRITATION OF EYES & RESPIRATORY  
TRACT;HEADACHE,DIZZINESS,DROWSINESS,MENTAL CONFUSION,FATIGUE,NAUSEA

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

First Aid:IRRIGATE EYES WITH WATER.STOMACH WASH,IF SWALLOWED,FOLLOWED  
BY SALINE CATHARSIS.

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

Flash Point:53.96 F TCC  
Lower Limits:3.3  
Upper Limits:19.0  
Extinguishing Media:DRY CHEMICAL,FOAM OR CARBON DIOXIDE,WAT  
ER SPRAY  
INEFFECTIVE  
Unusual Fire/Explosion Hazard:FLAME,FIRE,IGNITION SOURCES MAY PRODUCE  
EXPLOSION

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

Spill Release Procedures:NO FLARES,SMOKING OR FLAMES IN HAZARD  
AREA.STOP LEAK IF WITHOUT RISK.USE WATER SPRAY TO REDUCE  
VAPORS.LARGE SPILLS:DIKE FOR LATER DISPOSAL.SMALL SPILLS:TAKE UP  
WITH SAND,EARTH,OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL.

===== Handling and Storage =====  
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Handling and Storage Precautions:PROTECT CONTAINERS AGAINST PHYSICAL  
DAMAGE.STORE AWAY FROM POSSIBLE IGNITION SOURCES.ALL PRECAUTIONS  
FOR THE ELIM.OF STATIC ELECTRICITY BE TAKEN.  
Other Precautions:AVOID STORAGE WITH PERCHLORATES,PEROXIDES,CHROMIC  
ACID,&NITRIC ACID.WEAR CHEMICAL GOGGLES,CHEMICAL CARTRIDGE  
RESPIRATOR,RUBBER GLOVES & RUBBER BOOTS.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS OR

CHEMICAL  
CARTRIDGE RESPIRATOR  
Ventilation:AS REQUIRED TO CONTROL TLV IN AIR  
Protective Gloves:RUBBER  
Eye Protection:CHEMICAL GOGGLES  
Other Protective Equipment:RUBBER BOOTS  
Supplemental Safety and Health  
ORANGE G(THE SODIUM SALT OF AZO BENZENE-BETANAPHTHOL DISULFONIC ACID)  
IN ETHYL ALCOHOL

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

HCC:F2  
Boiling Pt:B.P. Text:173.3F  
Spec Gravity:0.80  
Solubility in Water:APPRECIABLE  
Appearance and Odor:COLORLESS,HYGROSCOPIC,VO  
LATILE LIQ.,PLEASANT ODOR  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
OXIDIZING MATLS.,PERCHLORATES,PEROXIDES,CHROMIC ACID,HNO\*3

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

Waste Disposal Methods:SPRAY INTO A FURNACE UNDER APPROVED CONTROLLED  
CONDITIONS.INCINERATION WILL BECOME EASIER BY MIXING WITH A MORE  
FLAMMABLE SOLVENT

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