

DADE BEHRING INC -- S/P DIFF-QUIK FIXATIVE SOLUTION -- 6550-00-290-1893

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

Product ID:S/P DIFF-QUIK FIXATIVE SOLUTION

MSDS Date:10/09/1997

FSC:6550

NIIN:00-290-1893

Status Code:A

MSDS Number: CKPPD

=== Responsible Party ===

Company Name:DADE BEHRING INC

Box:520672

City:MIAMI

State:FL

ZIP:33152-0672

Country:US

Info Phone Num:800-327-2616

Emergency Phone Num:800-228  
-5635

Preparer's Name:DBIDWES

CAGE:TO610

=== Contractor Identification ===

Company Name:DADE BEHRING INC

Box:520672

City:MIAMI

State:FL

ZIP:33152-0672

Country:US

Phone:800-327-2616/FAX: 305-591-5552

CAGE:TO610

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

Ingred Name:METHYL ALCOHOL

CAS:67-56-1

RTECS #:PC1400000

= Wt:99.99

OSHA PEL:200 PPM;262 MG/M3

OSHA STEL:250 PPM;328 MG/M3

ACGIH TLV:200 PPM;262 MG/M3

ACGIH STEL:250 PPM;328 MG/M3

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000

LBS

Ingred Name: TRIARYLMETHANE DYE

CAS: 2353-45-9

Code: F

RTECS #: BQ4425000

&lt; Wt.: 01

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

LD50 LC50 Mixture: RAT, ORAL, LD50: 5.628 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: TARGET ORGANS: CENTRAL NERVOUS SYSTEM, NEUROTOXIN. INHALATION: IRRITATION TO MUCOUS MEMBRANES AND RESPIRATORY TRACT. EYE: IRRITATION, CONJUNCTIVE INFLAMMATION.

SKIN: IRRITATION, MAY CAUSE METABOLIC ACIDOSIS. INGESTION: MAY CAUSE TRANSIENT INEBRIATION, DROWSINESS, HEADACHE. MAY CAUSE VISUAL IMPAIRMENT, CONJUNCTIVITIS, DEFATTING OF SKIN WITH RESULTING ERYTHEMA, SEALING, CHRONIC ACIDOSIS, MAY CAUSE DAMAGE TO LIVER, KIDNEY, HEART, STOMACH, INTESTINAL AND PANCREATIC DAMAGE.

Medical Cond Aggravated by Exposure: PERSONS WITH KIDNEY, EYE OR SKIN DISORDERS.

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

First Aid: INHALATION: REMOVE FROM EXPOSED AREA TO FRESH AIR IMMEDIATELY. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. EYE CONTACT: FLUSH EYES WITH LARGE AMOUNTS OF WATER OR NORMAL SALINE FOR 15-20 MINUTES. SKIN CONTACT: IMMEDIATELY REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH SOAP AND WATER UNTIL NO EVIDENCE OF CHEMICAL REMAINS. INGESTION: IMMEDIATELY INDUCE VOMITING, GIVE SYRUP OF IPECAC, FOLLOWED BY 2-4L OF TAP WATER. AFTER FIRST AID, GET APPROPRIATE IN-PLANT, PARAMEDIC, OR COMMUNITY MEDICAL SUPPORT. NOTE TO PHYSICIANS: SEE DREISBACH. HANDBOOK OF POISONING. 12TH EDITION.

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

Flash Point: =11.1C, 52.F

Autoignition Temp: =385.C, 725.F

Lower Limits: 6.0% V/V

Upper Limits: 36.0% V/V

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL RESISTANT FOAM.

Fire Fighting Procedures: DO NOT RELEASE RUNOFF FROM FIRE CONTROL METHODS TO SEWERS OR WATERWAYS. FI

RE-FIGHTING EQUIPMENT: BECAUSE

FIRE MAY PRODUCE TOXIC THERMAL DECOMPOSITION PRODUCTS, WEAR A SELF-CONTAINED BREATHING APPARATUS (SCBA) WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR POSITIVE-PRESSURE MODE.

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

Spill Release Procedures: MAY BE TREATED AS A SMALL LABORATORY SPILL.

SMALL SPILLS: SHUT OFF IGNITION SOURCES. USE FULL FACE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE (200 PPM) OR SCBA (200 PPM). TAKE UP

WITH NON-COMBUSTIBLE ABSORBENT. DISPOSE BY INCINERATION.

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

Handling and Storage Precautions: USE REQUIRED PERSONAL PROTECTIVE EQUIPMENT. STORE AWAY FROM HEAT, SOURCES OF IGNITION, FLAME.

Other Precautions: ANTIDOTE SHOULD BE ADMINISTERED BY QUALIFIED MEDICAL PERSONNEL.

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

Respiratory Protection: A RESPIRATOR SHOULD NOT BE REQUIRED FOR USE OF

THIS PRODUCT. SEEK PROFESSIONAL ADVICE PRIOR TO RESPIRATOR SELECTION AND USE. FOLLOW OSHA RESPIRATOR REGULATIONS (29 CFR 1910.134) AND, IF NECESSARY, WEAR A MSHA/NIOSH-APPROVED RESPIRATOR. SELECT RESPIRATOR BASED ON ITS SUITABILITY TO PROVIDE ADEQUATE WORKER PROTECTION FOR GIVEN WORKING CONDITIONS.

Ventilation: PROVIDE GENERAL OR LOCAL EXHAUST VENTILATION SYSTEMS TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW OSHA PELs (SEC. 2). LOCAL EXHAUST VENTILATION IS PREFERRED.

Protective

Gloves: WEAR CHEMICALLY PROTECTIVE GLOVES.

Eye Protection: WEAR PROTECTIVE EYEGLASSES OR CHEMICAL SAFETY GOGGLES.

Other Protective Equipment: WEAR AN APRON TO PREVENT PROLONGED OR REPEATED SKIN CONTACT. CONTACT LENSES ARE NOT EYE PROTECTIVE DEVICES. APPROPRIATE EYE PROTECTION MUST BE WORN INSTEAD OF, OR IN CONJUNCTION WITH CONTACT LENSES.

Work Hygienic Practices: NEVER EAT, DRINK, OR SMOKE IN WORK AREAS.

PRACTICE GOOD PERSONAL HYGIENE AFTER USING THIS MATERIAL, ESPECIALLY

Y BEFORE EATING, DRINKING, SMOKING, USING THE TOILET, OR  
APPLYING COSMETICS.

Supplemental Safety and Health

MAKE EMERGENCY EYEWASH STATIONS AND WASHING FACILITIES AVAILABLE IN  
WORK AREA. SEPARATE CONTAMINATED WORK CLOTHES FROM STREET CLOTHES.  
LAUNDRER BEFORE REUSE. REMOVE THIS MATERIAL FROM YOUR SHOES AND  
CLEAN PERSONAL PROTECTIVE EQUIPMENT. ODOR THRESHOLD: 100 PPM;  
FORMULA WEIGHT: 32.04

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

Boiling Pt:=65.  
C, 149.F  
Melt/Freeze Pt:=-93.3C, -136.F  
Vapor Pres:97.25 MM HG  
Vapor Density:1.11  
Spec Gravity:0.7914  
pH:NOT AVAILABLE  
Viscosity:0.59 CPS 20 DEG C  
Evaporation Rate & Reference:4.6  
Solubility in Water:COMPLETE  
Appearance and Odor:BLUE LIQUID WITH CHARACTERISTIC ODOR.

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS, ACETYL BROMIDE, ALKYLALUMINUM.  
Stability Condition to Avoid:HEAT, SOURCES OF IGNITION FLAME.  
Hazar  
dous Decomposition Products:THERMAL OXIDATIVE DECOMPOSITION OF  
PRODUCT CAN PRODUCE TOXIC OXIDES OF CARBON.

===== Toxicological Information =====

Toxicological Information:EYE EFFECTS: REPEATED EXPOSURE MAY CAUSE  
VISUAL IMPAIRMENT. SKIN EFFECTS: REPEATED OR PROLONGED EXPOSURE  
MAY CAUSE DEFATTING OF SKIN, SEALING AND ECZEMATOID DERMATISIS.  
CHRONIC ABSORPTION MAY RESULT IN METABOLIC ACIDOSIS. ACUTE  
INHALATION EFFECTS: HUMAN,INHALATION. TCLO-300  
PPM.

===== Ecological Information =====

Ecological:DO NOT ALLOW MATERIAL TO CONTAMINATE WATER SOURCES.

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

Waste Disposal Methods:CONTACT YOUR SUPPLIER OR A LICENSED CONTRACTOR  
FOR DETAILED RECOMMENDATIONS. FOLLOW APPLICABLE FEDERAL, STATE,  
AND LOCAL REGULATIONS. EMPTY CONTAINER MAY BE DISPOSED AS  
NONHAZARDOUS SOLID WASTE.

===== MSDS Transport Information =====

=====

Transport Information:DOT TRANSPORTATION DATA (49 CFR 172.101):

SHIPPING NAME: METHANOL; HAZARD CLASS: 3;ID NO: UN 1230; PACKING GROUP: II; LABEL: FLAMMABLE LIQUID/POISON; SPECIAL PROVISIONS: 8;PACKAGING AUTHORIZATIONS A) EXCEPTIONS: NONE;B) NON-BULK PACKAGING: 173.202;C) BULK PACKAGING: 173.242;QUANTITY LIMITATIONS: PASSENGER, AIRCRAFT, OR RAILCAR: 1L; CARGO AIRCRAFT ONLY: 60L;VESSEL STOWAGE REQUIREMENTS; VESSEL STOWAGE: B; OTHER: 40

=====

Regulatory Information =====

SARA Title III Information:RCRA HAZARDOUS WASTE NUMBER: LISTED U154  
RCRA HAZARDOUS WASTE CLASSIFICATION (40 CFR 261.21): CLASSIFIED  
D001

State Regulatory Information:NOT APPLICABLE.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.