

CELANESE ENGINEERING RESINS DIV -- TRIOXANE -- 9110-00-263-9865

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Product Identification  
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Product ID:TRIOXANE

MSDS Date:01/01/1987

FSC:9110

NIIN:00-263-9865

MSDS Number: BDQHH

=== Responsible Party ===

Company Name:CELANESE ENGINEERING RESINS DIV

Address:1211 AVE OF THE AMERICAS

City:NEW YORK

State:NY

ZIP:10036

Country:US

Info Phone Num:212-719-8000 / FAX 212-719-8588

Emergency Phone Num

:212-719-8000

CAGE:71362

=== Contractor Identification ===

Company Name:CELANESE ENGINEERING RESINS DIV

Address:1211 AVE OF THE AMERICAS

Box:City:NEW YORK

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ZIP:10036

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Composition/Information on Ingredients  
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Ingred Name:FORMALDEHYDE (SARA III)

CAS:50-00-0

RTECS #:LP8925000

Fraction by Wt: 95.0%

OSHA PEL:SEE 1910.1048

ACGIH TLV:C 0.3 PPM; A2; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:MAGNESIUM STEARATE;

% WT PER TABLE I OF SPECIFICATION

CAS:557-04-0

Fraction by Wt: 5.0%

Ingred Name:METHYLEN BLUE(USED AS DYE,PER SPECIFICATION);% WT AS  
REQUIRED TO COLOR THE FUEL

CAS:61-73-4

RTECS #:SO5600000

Fraction by Wt: UNK

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Hazards Identification  
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Effects of Overexposure:EYES:MAY INJURE SEVERLY;SKIN:NON-IRRITATING;  
INHAL:MAY IRRIT RESP TRACT;INGEST:MAY IRRIT GI TRACT.

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First Aid Measures  
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First Aid:INHAL

E:REMOVE TO FRESH AIR, GIVE CPR/O2 IF

NEED;EYES/SKIN:FLUSH W LG AMTS H2O FOR 15 MIN;INGEST:RINSE MOUTH;  
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER  
SYMPTOMS OF OVEREXPOSURE.

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Fire Fighting Measures  
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Flash Point:30.2F(-1C) (TCC)

Lower Limits:3.6

Upper Limits:29.0

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

Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H2O SPRAY TO COOL  
CONTR.

Unusual Fire

/Explosion Hazard:BURNS W/COLORLESS FLAME,VAPOR & SOLID ARE  
FLAMMABLE.BURNS BY ITSELF >413.9C WHEN EXPOSD TO AIR.

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Accidental Release Measures  
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Spill Release Procedures:IN THE EVENT OF SPILL, REMOVE ALL SOURCES OF  
IGNITION. SWEEP MATERIAL UP INTO A DUST PAN & INCINERATE.  
CONTAMINATED AREA SHOULD BE THOROUGHLY VENTILATED AND DUST MASK  
SHOULD BE USED DURING CLEAN UP.

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Handling and Storage  
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Handli

ng and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED  
AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP  
CONTAINERS TIGHTLY CLOSED

Other Precautions:UNDER CERTAIN CONDITIONS,CAN RELEASE FORMALDEHYDE  
VAP; WILL POLYMERIZE SLOWLY UNDER ANHYDROUS CONDITIONS.SUBLIMES  
GIVING OF FLAM VAP;THESE CONDITIONS OCCUR WHEN FUEL BAR IS OUT OF  
PACKAGE.

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

Respiratory Protection:USE NIOSH APPROVED CARTRI  
DGE OR CANISTER

Ventilation:LOCAL EXHAUST PREFERRED,MECHANICAL EXHAUST ACCEPTABLE.

Protective Gloves:RUBBER/NEOPRENE

Eye Protection:GOGGLES

Other Protective Equipment:SAFETY SHOWER & EYE BATH

Supplemental Safety and Health

MSDS FROM CELANESE CO DATED:10/84;SPEC REFERENCE:MIL-F-10805D,TYPE I;  
STORAGE CODE R4N01 IS NOT CONSIDERED BECAUSE MFR STATED THAT AS  
LONG AS PACKAGE IS INTACT,MATL REMAINS SAFE(PER MFR TEST)

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

HCC:F8

Boiling Pt:B.P. Text:238F/114.4C

Vapor Pres:10

Vapor Density: