

DOW CHEMICAL U S A GOVERNMENT MARKETING -- ETHAFOAM 220 PLANK BRAND  
POLYETHYLENE PLASTIC FOAM -- 9330-01-186-0352

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Product Identification  
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Product ID:ETHAFOAM 220 PLANK BRAND POLYETHYLENE PLASTIC FOAM

MSDS Date:09/07/1990

FSC:9330

NIIN:01-186-0352

MSDS Number: BSDSW

=== Responsible Party ===

Company Name:DOW CHEMICAL U S A GOVERNMENT MARKETING

Address:2020 DOW CENTER

City:MIDLAND

State:M

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ZIP:48640-6030

Country:US

Info Phone Num:800-258-2436

Emergency Phone Num:517-636-4400

CAGE:71981

=== Contractor Identification ===

Company Name:DOW CHEMICAL CO

Address:100 LARKIN CENTER

Box:City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:800-258-2436

CAGE:96717

Company Name:DOW CHEMICAL U S A

Address:BARSTOW BLDG

City:MIDLAND

State:MI

ZIP:48640

Country:US

Phone:517-636-4400

CAGE:71981

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Composition/Information on Ingredients  
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Ingred Name:POLYETHYLENE

CAS:9002-88-

4  
RTECS #:TQ3325000  
Fraction by Wt: 75-100%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)  
CAS:75-71-8  
RTECS #:PA8200000  
Fraction by Wt: 0-4% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS  
Ozone Depleting Chemical:1

Ingred Name:DICHLOROTETRAFLUOROETHANE (SARA III)  
CAS:76-14-2  
RTECS #:KI1101000  
Fraction by Wt: 0-17% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM;  
9293  
Ozone Depleting Chemical:1

Ingred Name:STEARYL STEARAMIDE  
CAS:13276-08-9  
Fraction by Wt: 0-2% %  
Other REC Limits:NONE RECOMMENDED

Ingred Name:COLOR CONCENTRATE IN POLYETHYLENE  
Fraction by Wt: 0-2% %  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CHLORODIFLUOROETHANE  
CAS:75-68-3  
RTECS #:KH7650000  
Fraction by Wt: 0-18% %  
Other REC Limits:NONE RECOMMENDED  
Ozone Depleting Chemical:2

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANU

FACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SOLID OR DUST MAY CAUSE IRRITATION OR CORNEAL INJURY DUE TO MECHANICAL ACTION. DUST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. HIGH CONCENTRATIONS OF THE BLOWING AGENTS (>5000 PPM) MAY CAUSE CENTRAL NERVOUS SYSTEM, ANESTHETIC OR NARCOTIC EFFECTS AND CARDIAC SENSITIZATION (IRREGULAR HEARTBEATS).

Explanation of Carcinogenicity

:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, UPPER RESPIRATORY TRACT IRRITATION, ANESTHETIC OR NARCOTIC EFFECTS, IRREGULAR HEARTBEATS.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures  
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First Aid:INHALATION: REMOVE TO FRESH AIR.CONSULT A PHYSICIAN.EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 5 MINUTES HOLDING EYELIDS OPEN. MECHANICAL EFFECTS ONLY. SKIN/INGESTION: NO ADVERSE EFFECTS ANTICIPATED.NOTE TO PHYSICIAN: NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON JUDGMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT.

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Fire Fighting Measures  
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Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:USE WATER FOG.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE. COOL FIRE EXPOSED CONTAINERS WITH H2O

Unusual Fire/Explosion Hazard:DENSE SMOKE

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Accidental Release Measures  
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Spill Release Procedures:PICK UP AND HANDLE AS ANY OTHER INERT MATERIAL.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL AREA AWAY FROM EXCESSIVE HEAT, FLAME/SOURCES OF IGNITION.

Other Precautions:LARGE QUANTITIES OF THIS PRODUCT CAN CAUSE CORROSION OF HEATERS AND EVENTUALLY CREATE HOLES IN THE COMBUSTION CHAMBER LEADING TO THE RELEASE OF COMBUSTION GASES AND CARBON MONOXIDE. THIS PRODUCT IS COMBUSTIBLE AND CAN BURN RAPIDLY.

==== Exposure Controls/Personal Protection ==  
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Respiratory Protection:NO RESPIRATORY PROTECTION SHOULD BE NEEDED. WHEN RESPIRATORY PROTECTION IS REQUIRED FOR CERTAIN OPERATIONS, USE AN APPROVED AIR-PURIFYING RESPIRATOR. IN DUSTY ATMOSPHERES, USE AN APPROVED DUST RESPIRATOR.

Ventilation:GOOD GENERAL VENTILATION. LOCAL EXHAUST VENTILATION MAY BE NECESSARY FOR SOME OPERATIONS SUCH AS HOT-WIRE CUTTING.

Protective Gloves:NOT NEEDED.RUBBER/PLASTIC MAY BE USED.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NO ONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:0.02 - 0.16

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:CELLULAR SOLID PLASTIC FOAM WITH NO ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:FIRE AND TEMPERATURES ABOVE 625F(329C)

Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER TOXIC SUBSTANCES

==== Disposal Considerations =====

Waste Disposal Methods:REUSE OR BURY IN AN APPROVED LANDFILL. DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FE

DERAL, STATE AND  
LOCAL LAWS AND REGULATIONS.

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