

PPG INDUSTRIES,INC -- ANTI-ICING AGENT -- 6850-00-060-5312

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

Product ID:ANTI-ICING AGENT

MSDS Date:01/01/1987

FSC:6850

NIIN:00-060-5312

MSDS Number: BCWQQ

=== Responsible Party ===

Company Name:PPG INDUSTRIES,INC

Address:1 PPG PL

City:PITTSBURGH

State:PA

ZIP:15272

Country:US

CAGE:GO796

=== Contractor Identification ===

Company Name:PPG INDUSTRIES INC

Address:ONE PP

G PLACE

Box:City:PITTSBURGH

State:PA

ZIP:15272

Country:US

Phone:1-800-245-2974 (CAL HYPO)

CAGE:47695

Company Name:PPG INDUSTRIES,INC. COATINGS TRESINS DIV.

Address:1 PPG PL

City:PITTSBURGH

State:PA

ZIP:15272

Country:US

CAGE:GO796

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

Ingred Name:2-METHOXYETHANOL (EGME) (SARA III)

CAS:109-86-4

RTECS #:KL5775000

Fraction by Wt: >99%.

OSHA PEL:S, 25 PPM

ACGIH TLV:S, 5 PPM; 9192

RTECS #:9999999ZZ

Ingred Name:2,6 DITERTIARY BUTYL,4-

METHYPHENOL;OR 2,4  
DIMETHYL,6-TERTIARY BUTYLPHENOL; OR  
RTECS #:9999999ZZ

Ingred Name:2,6 DITERTIARY BUTYLPHENOL; OR MIXED TERTIARY BUTYLPHENOL  
COMPOSITION)  
RTECS #:9999999ZZ

Ingred Name:ANTIOXIDANT,(RANGE 50-150 PPM) SEE ABOVE FOR OPTIONS  
PERMITTED BY SPEC.

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

Effects of Overexposure:MILDLY IRRITATING TO EYES/SKIN.INHAL:CENTRAL  
NERV SYSTEM DEPRESSANT,CAUSES HEADACHE,-\*SEE SUPP DATA

===== Fir  
st Aid Measures =====

First Aid:EYES/SKIN:FLUSH W PLENTY OF WATER (SOAP & WATER FOR SKIN)FOR  
AT LEAST 15 MIN.GET MED ATTN.INHAL:REMOVE TO FRESH AIR.GIVE  
CPR/OXYGEN IF NECESSARY.INGESTN:GIVE A QT OF WATER,INDUCE  
VOMITING,GET MED ATTN .DO NOT INDUCE VOMITING/GIVE FOOD IF  
UNCONSCIOUS.

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

Flash Point:107F/41.7C TCC  
Autoignition Temp:Autoignition Temp Text:545F  
Lower Limits:2.0%  
Upper Limits:14%  
Ex  
tinguishing Media:CO\*2,ALCOHOL TYPE FOAM OR DRY CHEMICAL.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS  
Unusual Fire/Explosion Hazard:EGMME CAN FORM EXPLOSIVE PEROXIDE ON  
CONTACT W AIR OVER LONG PERIODS;USE OF WATER MAY CAUSE FROTHING

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

Spill Release Procedures:IMMED REMOVE SOURCES OF IGN,WEAR PROTECTIVE  
EQUIP & VENTILATE AREA.DIKE AREA TO CONTAIN SPILL & PUMP TO SALVAGE  
TANK.ABSORB REMAINING LIQ O

N ABSORBENT MATL & SHOVEL INTO CONTNRS  
SUITABLE FOR SHIPMENT TO DISPOSAL AREA.

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

Handling and Storage Precautions:STORE AWAY FROM SUNLIGHT,SOURCE OF  
HEAT,IN WELL VENTILATED AREA.WEAR PROTECT CLOTHG IN  
HANDLG/STORG.KEEP CONTNRS TIGHTLY CLOSED TO AVOID AIR CONTACT.  
Other Precautions:AVOID BRTHN VAP/MISTS ABOVE TLV LIMITS;AVOID FREQUENT  
CONT W SKIN,EYES & CLOTHING;USE ONLY W ADEQUATE VENTILATION;OBSERVE  
ALL HAZ  
PRECAUTIONS FOR EMPTY CONTNRS.GRD CONTNRS/SYSTEM BEFORE  
UNLOAD

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

Respiratory Protection:SELF-CNTND BRTHG APP IN CONFINED AREA.ORG VAP  
TYPE APPRVD BY NIOSH.  
Ventilation:MECHANICAL(GENERAL)-SUFF TO MAINTAIN BELOW TLV LIMITS  
Protective Gloves:POLYETH/NEOPREN  
Eye Protection:SPLASH PROOF GOGGLES  
Other Protective Equipment:ACCESSIBLE TO SAFETY SHOWER/EYE-WASH  
FOUNTN,PROTECTVE CLOTHG  
Supplemental Safety and Health  
-\*DROWSI  
NESS,ANESTHESIA,BLURRED VISION,EVEN DEATH,ETC.IN  
CONFINED/POORYL VENTLD AREA;INGESTN:MASSIVE DOSES CAUSE NORCOTIC  
ACTION & LOWER DOSES CAUSE LUNG EDEMA,LIVER & KIDNEY INJURY.

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

HCC:F4  
Boiling Pt:B.P. Text:256F,124.5C  
Vapor Pres:6.2  
Vapor Density:2.62  
Spec Gravity:0.966  
Evaporation Rate & Reference:0.5%(N-BU ACETATE)  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR,COLORLESS LIQ W MILD AROMATIC ODOR.  
Percent Vo

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING & CORR MATL;LONG-TERM CONTACT W AIR.

Stability Condition to Avoid:SOURCE OF IGNITION

Hazardous Decomposition Products:PROLONGED AIR CONTACT MAY FORM  
EXPLOSIVE PEROXIDE

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

Waste Disposal Methods:BURN WASTE LIQ IN AN APPROVED INCINERATOR IAW  
EXISTING REGULATIONS.MATL ABSORBED ON AB

SORBENT MATL SHOULD BE

BURIED IN A PERMITTED HAZ WASTE MANAGEMENT FACILITY IAW LOCAL,STATE  
& FED REGS/STATUTES REGARDING DISPOSAL.TREAT DAMAGED/EMPTY CONTNR  
AS HAZ.

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