

DOW CORNING CORPORATION -- OS-120 -- 6850-01-435-5656

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

Product ID:OS-120  
MSDS Date:10/18/1996  
FSC:6850  
NIIN:01-435-5656  
MSDS Number: CDQQR  
=== Responsible Party ===  
Company Name:DOW CORNING CORPORATION  
Address:3901 S SAGINAW RD  
Box:997  
City:MIDLAND  
State:MI  
ZIP:48640  
Country:US  
Info Phone Num:517-496-6000/8577 (TRANSPORT)  
Emergency Phone Num:517-496-5900/800-424-9300(CHEMTREC)  
CAGE:5D028  
=== Contractor Identification ===  
Company Name:DOW CORNING CORP  
Address:3901 S SAGINAW RD  
Box:997  
City:MIDLAND  
State:MI  
ZIP:48686-0997  
Country:US  
Phone:517-496-6000/517-496-6315  
CAGE:5D028

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

Ingred Name:HEXAMETHYLDISILOXANE  
CAS:107-46-0  
RTECS #:JM9237000  
Fraction by Wt: 89%  
Other REC Limits:TWA 200 PPM (MFR)

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER  
CAS:107-98-2  
RTECS #:UB7700000  
Fraction by Wt: 1

1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM/150STEL;9596

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY &  
GI TRACTS. ACUTE- EYE:MAY CAUSE DISCOMFORT. SKIN:REPEATED/PROLONGED  
CONTACT MAY CAUSE DEFATTING. INHALE:MAY  
CAUSE DROWSINESS.  
ORAL:SMALL AMOUNTS TRANSFERRED TO MOUTH BY FINGERS SHOULD NOT  
INJURE. SWALLOWING LARGE AMOUNTS MAY INJURE SLIGHTLY & CAUSE  
DROWSINESS. CHRONIC- DERMATITIS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, HEADACHE, NAUSEA, SKIN DRYNESS,  
TEARING, BLURRED VISION, ITCHING, DERMATITIS, DISCOMFORT  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE  
MORE SUS  
CEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH  
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH  
WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP &  
WATER. ORAL: SEEK MEDICAL ATTENTION.

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

Flash Point Method:CC  
Flash Point:24.8F,-4.0C  
Autoignition Temp:Autoig  
nition Temp Text:689F  
Lower Limits:1.3%  
Upper Limits:18.6%  
Extinguishing Media:USE DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL  
FOAM/WATER FOG FOR SMALL FIRE. USE ALCOHOL FOAM, WATER SPRAY FOR  
LARGE FIRE.  
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS  
WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL  
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BAC

K.

CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND OR VERMICULITE. TRANSFER TO DISPOSAL DRUMS USING NON-SPARKING TOOLS. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY FROM HEAT, FLAMES, SPARKS, HOT SURFACES AND STRONG OXIDIZING AGENTS. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. KEEP OUT OF REACH OF CHILDREN. DO NOT INGEST.

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

Respiratory Protection:NON  
E REQUIRED WHERE ADEQUATE VENTILATION  
CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A  
NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:USE EXPLOSION-PROOF VENTILATION EQUIPMENT TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:NITRILE FOR REPEATED/PROLONGED CONTACT

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOS

URE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Vapor Pres:44.6 @ 77F

Vapor Density:>1

Spec Gravity:0.77

Viscosity:0.64 CST

Appearance and Odor:COLORLESS LIQUID; ETHER-LIKE ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Mater

ials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HEAT, FLAMES, SPARKS, HOT SURFACES, OTHER  
IGNITION SOURCES

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,  
SILICONE DIOXIDE AND FORMALDEHYDE MAY BE FORMED DURING COMBUSTION.

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

Waste Disposal Methods: DISPOSE OF IN AN APPROVED INCINERATOR OR  
CONTRACT WITH LICENSED CHEMICAL WASTE DISPOSAL SERVICE. DISCHARGE,  
TREATMENT OR DISPOSAL

IS SUBJECT TO FEDERAL, STATE OR LOCAL LAWS.

EPA D001 (IGNITABLE). FOR MORE INFORMATION, CALL DOW AT  
517-496-6315.

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.