

DOW CORNING CORPORATION -- OS-20 -- 6850-01-435-3644

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Product Identification  
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Product ID:OS-20

MSDS Date:10/18/1996

FSC:6850

NIIN:01-435-3644

MSDS Number: CDKTK

=== 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

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

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Composition/Information on Ingredients  
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Ingred Name:OCTAMETHYLTRISILOXANE

CAS:107-51-7

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of E

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 Condition Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

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

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

Flash Point Method: CC

Flash Point: 93.9F, 34.4C

Autoignition Temp: Autoignition Temp Text: 662F

Lower Limits: 0.9

Upper Limits: 13.8

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

: DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE

LATE 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

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===== 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:AVO

ID 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.

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

Respiratory Protection:NONE 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  
C  
ONCENTRATIONS.

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  
EXPOSURE.

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

Supplemental Safety and Health

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

HCC:F4

NRC/State L

ic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:-116F,-82C

Vapor Pres:4 @ 77F

Vapor Density:1.04

Spec Gravity:0.81

Viscosity:1.00 CST

Appearance and Odor:COLORLESS LIQUID - SLIGHT ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, FLAMES, SPARKS, HOT SURFACES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
SILICONE DIOXIDE AN

D 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.

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