

According to Hazard Communication
Standard, effective 1 June, 2015
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SAFETY DATA SHEET

Dimethicone 100 CST

1. IDENTIFICATION

EMERGENCY: CHEMTREC 1-800-424-0300

PRODUCT IDENTIFIER: Dimethicone 100CST

CHEMICAL NAME: POLYDIMETHYLSILOXANE

Distributed by



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RECOMMENDED USE: RELEASE, POLISH, PERSONAL CARE

RESTRICTIONS ON USE: NONE.

2. HAZARD(S) IDENTIFICATION

HEALTH (NFPA)	0
FLAMMABILITY (NFPA)	1
REACTIVITY (NFPA)	0

THIS MATERIAL CONTAINS NO INGREDIENTS, WHICH ARE KNOWN TO BE HAZARDOUS UNLESS LISTED BELOW.

CAS NUMBER	INGREDIENTS	WT%	EXPOSURE LIMITS
NONE PRESENT			

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS NUMBER	INGREDIENTS	WT%
63148-62-9	POLYDIMETHYLSILOXANE	90 - 100

4. FIRST AID MEASURES

EYE: IMMEDIATELY FLUSH THE CONTAMINATED EYE(S) WITH WATER AS A PRECAUTION FOR 5 MINUTES WHILE HOLDING THE EYELID(S) OPEN. OBTAIN MEDICAL ATTENTION IF SYMPTOMS OCCUR.

SKIN: NO HEALTH EFFECTS EXPECTED. IF IRRITATION DOES OCCUR, FLUSH WITH SOAP AND LUKEWARM, GENTLY FLOWING WATER FOR 5 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

INHALATION: REMOVE FROM THE SOURCE OF CONTAMINATION AND MOVE TO FRESH AIR. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

ORAL: IF IRRITATION OR DISCOMFORT OCCURS, OBTAIN MEDICAL ADVICE. IF SWALLOWED, DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER.

PHYSICIAN NOTES:
TREAT ACCORDING TO PERSON'S CONDITION AND SPECIFICS OF EXPOSURE.

5. FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:
WATER SPRAY; ALCOHOL-RESISTANT FOAM; DRY CHEMICAL; CARBON DIOXIDE

UNSUITABLE EXTINGUISHING MEDIA: NONE KNOWN.

HAZARDOUS COMBUSTION PRODUCTS: CARBON/SILICONE OXIDES, FORMALDEHYDE

SPECIFIC HAZARDS DURING FIRE FIGHTING:
EXPOSURE TO COMBUSTION PRODUCTS MAY PROVE HAZARD TO HEALTH.

SPECIFIC EXTINGUISHING METHODS:
USE EXTINGUISHING METHODS APPROPRIATE TO LOCAL CIRCUMSTANCES AND LOCAL ENVIRONMENT. USE WATER SPRAY TO KEEP CONTAINERS COOL. REMOVE UNDAMAGED CONTAINERS FROM FIRE AREA AS SAFETY ALLOWS. EVACUATE AREA.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTING:
EMPLOY SELF-CONTAINED BREATHING APPARATUS IF NECESSARY.
USE PERSONAL PROTECTIVE EQUIPMENT.

6. ACCIDENTAL RELEASE MEASURES

PREVENT DISCHARGE TO THE ENVIRONMENT.

ACTION TO TAKE FOR SPILLS:
USE APPROPRIATE SAFETY EQUIPMENT. FOR LARGE SPILLS, PROVIDE DIKING OR OTHERWISE PREVENT MATERIAL FROM SPREADING. USE ABSORBENT MATERIAL TO COLLECT FOR DISPOSAL. CONTAIN LARGE SPILLS AND PUMP OR RECOVER INTO A SUITABLE TANK. FINAL CLEANING MAY REQUIRE STEAM, SOLVENTS OR DETERGENTS. CLEAN AREA THOROUGHLY TO PREVENT SLIPPING HAZARD.

DISPOSAL METHOD:
ALL LOCAL, STATE, AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION SHOULD BE REVIEWED TO DETERMINE APPROVED DISPOSAL PROCEDURES.

7. HANDLING AND STORAGE

USE WITH ADEQUATE VENTILATION.

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE WHILE TAKING CARE TO PREVENT SPILLAGE AND RELEASE TO THE ENVIRONMENT.

CLEAN UP SPILLS IMMEDIATELY TO PREVENT SLIPPING HAZARD.

USE REASONABLE CARE AND STORE AWAY FROM OXIDIZING MATERIALS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT EXPOSURE LIMITS:

<u>CAS NUMBER</u>	<u>COMPONENT NAME</u>	<u>EXPOSURE LIMITS</u>
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THERE ARE NO COMPONENTS WITH WORKPLACE EXPOSURE LIMITS

VENTILATION: GENERAL VENTILATION SHOULD BE ADEQUATE.

PERSONAL PROTECTIVE EQUIPMENT FOR ROUTINE HANDLING:

EYES: USE PROPER PROTECTION. SAFETY GLASSES AS A MINIMUM.

SKIN: WASH AT MEALTIME AND END OF SHIFT.

SUITABLE GLOVES: HANDLE SAFELY, IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE.

INHALATION: NO RESPIRATORY PROTECTION SHOULD BE NEEDED.

SUITABLE RESPIRATOR: NONE SHOULD BE NEEDED.

PERSONAL PROTECTIVE EQUIPMENT FOR SPILLS:

EYES: USE PROPER PROTECTION. SAFETY GLASSES AS A MINIMUM.

SKIN: WASH AT MEALTIME AND END OF SHIFT.

SUITABLE GLOVES: HANDLE SAFELY, IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE.

INHALATION: NO RESPIRATORY PROTECTION SHOULD BE NEEDED.

SUITABLE RESPIRATOR: NONE SHOULD BE NEEDED.

PRECAUTIONARY MEASURES:

AVOID EYE CONTACT. USE REASONABLE CARE.

NOTE: WHEN HEATED TO TEMPERATURES ABOVE 150°C IN THE PRESENCE OF AIR, FORMALDEHYDE VAPORS MAY FORM. FORMALDEHYDE IS A POTENTIAL CANCER HAZARD, A KNOWN SKIN AND RESPIRATORY SENSITIZER, AND AN IRRITANT TO THE EYES, NOSE, THROAT, SKIN, AND DIGESTIVE SYSTEM. KEEP VAPOR CONCENTRATIONS WITHIN PERMISSABLE EXPOSURE LIMIT FOR FORMALDEHYDE.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT, F	>=65°C
SOLUBILITY IN WATER (%)	INSOLUBLE
SPECIFIC GRAVITY @ 25C	0.97
FREEZING/MELTING POINT	NOT DETERMINED
VAPOR DENSITY, (AIR=1)	NOT DETERMINED
VAPOR PRESSURE @ 25C	<1MM HG
APPEARANCE @ 25C	COLORLESS. CLEAR.
ODOR	VERY LITTLE CHARACTERISTIC ODOR
FLASH POINT	>248°F / 120°C (CLOSED CUP) >480°F / 250°C (CLEVELAND OPEN CUP)

10. STABILITY AND REACTIVITY

STABILITY: **STABLE [X]** **UNSTABLE []**

INCOMPATIBILITIES (MATERIALS TO AVOID)

STRONG OXIDIZING MATERIAL CAN CAUSE A REACTION.

HAZARDOUS DECOMPOSITION PRODUCTS

SILICON DIOXIDE, CARBON OXIDES, TRACE AMOUNTS OF FORMALDEHYDE MAY FORM WHEN HEATED DURING FIRE OR VERY HIGH HEAT CONDITIONS.

HAZARDOUS POLYMERIZATION: **MAY OCCUR []** **WILL NOT OCCUR [X]**

CONDITIONS TO AVOID: SEE ABOVE STATEMENTS

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGY DATA FOR PRODUCT:

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

SKIN CORRIOSON/IRRITATION:

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

SERIOUS EY DAMAGE/IRRITATION:

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

RESPIRATORY OR SKIN SENSITIZATION:

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

GERM CELL MUTAGENICITY:

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

CARCINOGENICTY:

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

REPRODUCTIVE TOXICITY:

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

STOT-SINGLE EXPOSURE:

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

STOT-REPEATED EXPOSURE:

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

REPEATED DOSE TOXICITY:

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

ASPIRATION TOXICITY:

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

SPECIAL HAZARD INFORMATION ON COMPONENTS:

NO KNOWN APPLICABLE INFORMATION

12. ECOLOGICAL INFORMATION**ECOTOXICITY:****TOXICITY TO WATER ORGANISMS:**

BASED ON SIMILAR MATERIALS TO THIS PRODUCT, IT IS EXPECTED TO EXHIBIT LOW TOXICITY TO AQUATIC ORGANISMS.

TOXICITY TO SOIL ORGANISMS:

BASED ON SIMILAR MATERIALS TO THIS PRODUCT, STUDIES SHOW THAT SEWAGE SLUDGE CONTAINING POLYMETHYLDISILOXANES ADDED TO SOIL, NO EFFECTS ON SOIL MICRO-ORGANISMS, EARTHWORMS, OR SUBSEQUENT CROPS GROWN IN THE SOIL ARE SEEN.

ENVIRONMENTAL EFFECTS:

PERSISTENCE AND DEGRADABILITY:	NO DATA AVAILABLE.
BIOACCUMULATION POTENTIAL:	NO DATA AVAILABLE.
MOBILITY IN SOIL:	NO DATA AVAILABLE.
OTHER ADVERSE EFFECTS:	NO DATA AVAILABLE.

13. DISPOSAL CONSIDERATIONS

WHEN DISPOSING OF, THIS MATERIAL IS CATEGORIZED AS NON-HAZARDOUS.

FOLLOW STATE OR LOCAL LAWS REGARDING DISPOSAL.

14. TRANSPORT INFORMATION**DOT ROAD SHIPMENT INFORMATION**

PROPER SHIPPING NAME: NOT SUBJECT TO D.O.T.

OCEAN SHIPMENT (IMDG)

NO LIMITATIONS ON OCEAN SHIPMENT.

AIR SHIPMENT (IATA)

NOT SUBJECT O IATA RULES AND LIMITATIONS.

15. REGULATORY INFORMATION

TSCA REGISTERED

ALL COMPONENTS OF THIS PRODUCT ARE REGISTERED OR EXEMPT FROM LISTING IN THE TSCA INVENTORY OF CHEMICAL SUBSTANCES.

EPA SARA TITLE III CHEMICAL LISTINGS

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE

SECTION 304 CERCLA HAZARDOUS SUBSTANCES: NONE

SECTION 312 HAZARD CLASS:

ACUTE: NO

CHRONIC: NO

FIRE: NO

PRESSURE: NO

REACTIVE: NO

SECTION 313 TOXIC CHEMICALS: NONE PRESENT.

SUPPLEMENTAL STATE COMPLIANCE INFORMATION

NEW JERSEY:

CAS NUMBER	INGREDIENTS	WT%
63148-62-9	POLYMETHYLDISILOXANE	90-100

PENNSYLVANIA:

CAS NUMBER	INGREDIENTS	WT%
63148-62-9	POLYMETHYLDISILOXANE	90-100

MASSACHUSETTS: NONE AS REGULATED BY MA RIGHT-TO-KNOW LAW.

CALIFORNIA PROP. 65: NONE AS DETERMINED BY LATEST ANALYTICAL METHODS

16. OTHER INFORMATION

DATE: 5/7/2015

SUPERSEDES: 9/19/2010

THIS INFORMATION PRESENTED HERE IS BELIEVED TO BE ACCURATE AND PERTAINS ONLY TO THE PRODUCT WHEN STORED IN A SEALED CONDITION, AS PRESCRIBED ABOVE. THE INFORMATION IS, TO OUR BEST PRESENT KNOWLEDGE, CORRECT AND COMPLETE AS IS GIVEN IN GOOD FAITH, BUT WITHOUT WARRANTY. IT REMAINS THE USER'S KNOWN RESPONSIBILITY TO MAKE SURE THAT THE INFORMATION IS APPROPRIATE AND COMPLETE FOR HIS/HER SPECIAL USE OF THIS PRODUCT. *ESSENTIALS BY CATALINA, INC.* SHALL, IN NO WAY, BE LIABLE FOR ANY CLAIMS, LOSSES, AND DAMAGES OF ANY THIRD PARTY, OR FOR LOST PROFITS, OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, FROM THE USE OF THIS PRODUCT.

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