

SAFETY DATA SHEET
DME Diamond Compound

1. Product and Company Identification

Product Code:	DMEDC	
Product Name:	DME Diamond Compound	
Company Name:	DME Corporation	Phone Number:
	29111 Stephenson Hwy	(248)398-6000
	Madison Hieghts, MI 48071	
Web site address:	www.dme.com	
Emergency Contact:	Poison Control Centers of America	(800)222-1222
	CHEMTREC	(800)424-9300
Information:		(248)398-6000

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word:	Warning
GHS Hazard Phrases:	H302 - Harmful if swallowed. H315 - Causes skin irritation. H319 - Causes serious eye irritation.
GHS Precaution Phrases:	P264 - Wash hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases:	P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302+352 - IF ON SKIN: Wash with plenty of soap and water. P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+313 - If skin irritation occurs, get medical advice/attention. P337+313 - If eye irritation persists, get medical advice/attention. P362+364 - Take off contaminated clothing and wash it before reuse.
GHS Storage and Disposal Phrases:	No phrases apply.
Potential Health Effects (Acute and Chronic):	Hazards not otherwise classified (HNOC) or not covered by GHS. None.
Inhalation:	May be harmful if inhaled.
Skin Contact:	Exposure may cause irritation characterized by redness, dryness, and inflammation. May be harmful if absorbed through the skin. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material.
Eye Contact:	May cause eye irritation.
Ingestion:	May cause irritation of the digestive tract. May be harmful if swallowed. Ingestion of large amounts may cause gastrointestinal irritation.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
8042-47-5	Technical white oil* (regulated as mist only)	30.0 -50.0 %	
7782-40-3	Diamond	<25.0 %	
8030-76-0	Lecithins, soya	10.0 -20.0 %	
9003-13-8	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-butyl-.omega.-hydr	5.0 -10.0 %	
8050-15-5	Resin acids and rosin acids, hydrogenated, methyl esters	5.0 -10.0 %	
NA	Natural Wax	5.0 -10.0 %	

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: If breathed in, move person into fresh air. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.

In Case of Skin Contact: Wash off with soap and plenty of water. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Do NOT allow victim to rub eyes or keep eyes closed. If irritation develops, get medical aid. Get medical aid.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Get medical aid if irritation or symptoms occur. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid.

Signs and Symptoms Of Exposure: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: > 112.00 C Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Use agent most appropriate to extinguish fire.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Further information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use extinguishing media appropriate to surrounding fire conditions.

Flammable Properties and Hazards: Carbon oxides.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Avoid breathing vapors, mist or gas. For personal protection see section 8.

Environmental Precautions: Do not let product enter drains.

Steps To Be Taken In Case Material Is Released Or Spilled: Keep in suitable, closed containers for disposal. Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation. Personal precautions. Avoid breathing vapors, mist or gas. Environmental precautions. Do not let product enter drains. Methods for cleaning up.

7. Handling and Storage

Precautions To Be Taken in Handling: For precautions see section 2. Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Normal measures for preventive fire protection. Avoid contact with skin and eyes.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. No special precautions indicated. Store in a cool, dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
8042-47-5	Technical white oil* (regulated as mist only)	No data.	No data.	No data.
7782-40-3	Diamond	No data.	No data.	No data.
8030-76-0	Lecithins, soya	No data.	No data.	No data.
9003-13-8	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-butyl-.omega.-hydr	No data.	No data.	No data.
8050-15-5	Resin acids and rosin acids, hydrogenated, methyl esters	No data.	No data.	No data.
NA	Natural Wax	No data.	No data.	No data.

Respiratory Equipment (Specify Type): is not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Safety glasses.

Protective Gloves: Handle with gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full contact:

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Printed: 07/20/2016

Revision: 09/03/2015

Supersedes Revision: 09/02/2015

Material: Nitrile rubber Minimum layer thickness: 0.4 mm.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Other Protective Clothing: Impervious clothing.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Good general ventilation should be sufficient to control airborne levels.

Work/Hygienic/Maintenance Practices: General industrial hygiene practice.

Environmental Exposure Controls: Do not let product enter drains.

9. Physical and Chemical Properties

Physical States: [] Gas [] Liquid [X] Solid

Appearance and Odor: Paste.
Oily odor.

Melting Point: NA - 500.00 C

Boiling Point: No data. - 200.00 C

Flash Pt: > 112.00 C Method Used: Estimate

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): No data.

Density: ~ 0.864 G/CM3

Solubility in Water: No data.

Percent Volatile: No data.

Autoignition Pt: No data.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: dust generation, Strong oxidants.

Incompatibility - Materials To Avoid: None. Strong oxidizing agents, Strong bases, Strong oxidizers.

Hazardous Decomposition or Byproducts: Other decomposition products: No data available. In the event of fire: see section 5. Carbon monoxide, formed under fire conditions. Carbon oxides.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information:	Germ cell mutagenicity: No data available. Reproductive toxicity. Aspiration hazard: Epidemiology: No information available. Teratogenicity: No information available. Reproductive Effects: Neurotoxicity: Other Studies: No information found.
Irritation or Corrosion:	Skin corrosion/irritation. No data available. Serious eye damage/eye irritation:
Sensitization:	No data available.
Chronic Toxicological Effects:	Specific target organ toxicity - repeated exposure: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Carcinogenicity/Other Information:	This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 7782-40-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 8012-89-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information:	Environmental: Exists solely in particulate phase and will eventually settle out. Physical: No information available. Other: No information available.
Results of PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

13. Disposal Considerations

Waste Disposal Method:	Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed. Observe all federal, state, and local environmental regulations.
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Dispose of as unused product.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not regulated as a hazardous material.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not regulated as a hazardous material.

UN Number:

Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not regulated as a hazardous material.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not regulated as a hazardous material.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
8042-47-5	Technical white oil* (regulated as mist only)	No	No	No
7782-40-3	Diamond	No	No	No
8030-76-0	Lecithins, soya	No	No	No
9003-13-8	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-butyl-.omega.-hydr	No	No	No
8050-15-5	Resin acids and rosin acids, hydrogenated, methyl esters	No	No	No
NA	Natural Wax	No	No	No

This material meets the EPA Yes No Acute (immediate) Health Hazard
'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard
for SARA Title III Sections Yes No Fire Hazard
311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

16. Other Information

Revision Date: 09/03/2015

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer: