

1. PRODUCT AND COMPANY IDENTIFICATION**PRODUCT DESCRIPTION:** Diamond Compounds**PRODUCT CODE:** 18DC9M- 9 micron (Monocrystalline), medium concentrate, 18 gram tube**MANUFACTURER**

Hudson Supply Company

4500 Lee Rd

Cleveland, OH 44128-2959

Customer Service: (800) 486-0480**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEMTREC (U.S.):** (800) 424-9300**Emergency Phone:** (800) 424-9300**2. COMPOSITION / INFORMATION ON INGREDIENTS**

| <u>Chemical Name</u> | <u>Wt. %</u> | <u>CAS#</u> |
|--|--------------|-------------|
| Polyalklene Glycol | 60 - 65 | 9038-95-3 |
| Ethoxylated Tall Oil | 18 - 21 | 65071-95-6 |
| Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy- | 1 - 3 | 25322-68-3 |
| Silica, amorphous | 7 - 10 | 7631-86-9 |
| Diamond | 5 - 10 | 7782-40-3 |

COMPONENTS :**EXPOSURE LIMITS**

| <u>Chemical Name</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>Supplier</u> |
|----------------------|---------------------|----------------------|-----------------|
| Polyalklene Glycol | | | |
| Ethoxylated Tall Oil | | | |
| Silica, amorphous | 6 mg/m ³ | 10 mg/m ³ | |
| Diamond | 10 | 10 | |

3. HAZARDS IDENTIFICATION**POTENTIAL HEALTH EFFECTS****EYES:** May cause significant irritation to the eyes.**SKIN:** May cause significant irritation to the skin.**INGESTION:** May cause significant irritation to the digestive tract.**INHALATION:** May cause significant irritation to the lungs, upper respiratory tract and nose.**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

EYES: Redness and possible itching and/or tearing of the eyes.

SKIN: Redness and/or itching of the skin

INGESTION: Possible nausea and/or vomiting.

INHALATION: Possible coughing, burning, tightness of chest and/or shortness of breath.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for two to three minutes. Remove any contact lenses and continue flushing for 15 minutes. Get medical attention.

SKIN: Wash thoroughly with soap and water.

INGESTION: Wash out mouth with water and keep at rest. Seek immediate medical attention.

INHALATION: Remove from further exposure. Keep warm and at rest. If cough or other symptoms develop, seek medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: 100°C Penskey-Marten CC

FLAMMABLE LIMITS: .5 to .5

EXTINGUISHING MEDIA: CO₂ or Dry chemical

EXPLOSION HAZARDS: None Expected.

FIRE FIGHTING PROCEDURES: None Expected.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: flush with water

LARGE SPILL: Sweep or vacuum spills into appropriate containers for disposal. Follow standard landfill methods consistent with applicable Federal, State and Local laws.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: When mist is generated, keep below recommended PEL/TLV levels, or use appropriate respirators. See OSHA 29 CFR 1910

HANDLING: Avoid open flame

STORAGE TEMPERATURE: 100°C maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide sufficient local exhaust and general ventilation to maintain exposure below PEL(s), especially for spraying operations which produce mists.

PERSONAL PROTECTION

EYES AND FACE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

RESPIRATORY: Use NIOSH/MSHA approved air supplied respirator in absence of proper environmental control.

WORK HYGIENIC PRACTICES: Facilities storing or using this material should be equipped with an eyewash facility and a safety shower.

Good personal hygiene practices should always be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Green paste

ODOR: Mildly scented.

PERCENT VOLATILE: 80

VAPOR PRESSURE: Negligible

VAPOR DENSITY: Not Applicable

BOILING POINT: > 200°C

MELTING POINT: -50°C

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Not Applicable

SPECIFIC GRAVITY: 1.2

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Not Applicable

STABILITY: The product is stable under normal ambient conditions of temperature and pressure.

POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION: Oxides of Carbon.

INCOMPATIBLE MATERIALS: Strong bases

11. TOXICOLOGICAL INFORMATION

COMMENTS: Not Applicable

12. ECOLOGICAL INFORMATION

COMMENTS: Not Applicable

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: In compliance with Federal, State and local regulations for landfills.

PRODUCT DISPOSAL: Dispose of at a supervised incineration facility or an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

14. TRANSPORT INFORMATION

COMMENTS: Not regulated as a hazardous material.

15. REGULATORY INFORMATION

GENERAL COMMENTS: Not Applicable

16. OTHER INFORMATION

APPROVED BY: David C. Dillon **TITLE:** Systems Administrator

APPROVAL DATE: 12/05/2002

REVISION SUMMARY New MSDS

NFPA CODES

FIRE: 1 **HEALTH:** 1 **REACTIVITY:** 0 **SPECIAL:** 1

MANUFACTURER DISCLAIMER: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.