

# DYNAMITE #301

## MATERIAL SAFETY DATA SHEET

Meets OSHA/WHMIS requirements

Date Prepared: 5-23-97 By Charles D. Werner (206) 762-7000

### SECTION 1 - PRODUCT IDENTIFICATION

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| Manufacturer Name: Fortech Products by Formula Corporation | Emergency Phone No: 1-800-228-5635 ext. 059 |
| Address: 7901 2nd Ave S. Seattle, WA 98108                 |   |
| Trade Name: DYNAMITE                                       | Product Type/Use: Floor Stripper            |
| Product Code: FFLSDYNRP-CT-DYNAM                           | Formula: Mixture                            |

### SECTION 2 - HAZARDOUS INGREDIENTS

| Chemical Name/Common Name:   | CAS NO.   | PERCENT (optional) | TLV/PEL                      |
|--|-----------|--------------------|------------------------------|
| * 2 Butoxyethanol LD 50 530-1480 Oral (Rat) LC 50 450ppm Inh. (Rat)  | 111-76-2  | 5-10               | 25 skin (OSHA)               |
| Monoethanolamine LD 50 1720 mg/kg Oral (Rat) LC 50 N/A   | 141-43-5  | <5                 | 3mg/M <sup>3</sup> INH(OSHA) |
| Sodium Hydroxide LD 50 500mg/kg Oral (Rat) Lc 50 N/A   | 1310-73-2 | 1-5                | 2mg/M <sup>3</sup> INH(OSHA) |
| Sodium Xylene Sulfonate LD 50 N/A LC 50 N/A  | 1300-72-7 | 5-10               | None established             |
| * reportable under Section 313 of Title III and of 40 CFR 372  |           |                    |                              |
| This product may contain chemicals known to the State of California to cause cancer or birth defects or other reproductive harm. |           |                    |                              |

### SECTION 3 - PHYSICAL DATA

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| Boiling Point: (F) 212 (100 C) Freezing Point 32 F (0 C)                   | Specific Gravity: (H <sub>2</sub> O = 1.0) 1.0 | pH: 12.5 -13.3 |
| Vapor Pressure: (mm/Hg) Not Determined                                     | Vapor Density: Heavier than air                |                |
| Solubility In Water: Complete  | Coefficient of water/oil: Not available        |                |
| Evaporation Rate (Vs ether) Slower   |  |                |
| Appearance and Odor: Liquid, non-viscous, RED color and pleasant fragrance | Odor Threshold: Not available                  |                |

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

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| Flash Point (T.C.C.): NONE   |
| Extinguishing Media: nonflammable and non-explosive. No special procedures required. |
| Special Fire Fighting Procedures: none required.                                     |
| Unusual Fire and Explosion Hazards: NOTHING SPECIAL.                                 |

### SECTION 5 - REACTIVE DATA

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| Stability: Stable  | Incompatibility: Keep away from acids and strong oxidizers and soft metals like aluminum. |
| Hazardous Decomposition Products: Carbon dioxide, carbon monoxide and unknown organic compounds. |   |

### SECTION 6 - HEALTH HAZARDS

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| Threshold Limit Value - Product (See Section 2 for Ingredient TLV/PEL): None Established  |
| Primary Routes of Exposure: Eye - yes Skin- yes Oral- yes Inhalation -yes Other   |
| <b>Signs and Symptoms of Over-exposure (Acute):</b> EYES: Vapors and mists are corrosive to the eye. INHALATION: Undiluted vapors are corrosive to the mouth and throat. Inhalation of higher concentration may cause headaches, nausea, vomiting, SKIN: Brief contact with concentrate will irritate the skin, but this irritation is reversible. Prolonged exposure will burn the skin. INGESTION: Liquid and vapors are corrosive to the moth and throat. Swallowing the liquid burns the tissues, and may cause severe abdominal pain, nausea, or vomiting. |
| <b>Chronic Health Hazards:</b> Repeated overexposure to Glycol Ethers may cause damage to the liver, kidneys and red blood cells. Inhalation of vapors or mists may cause varying degree of damage to the affected tissues and also increasing susceptibility to respiratory illness.   |
| <b>Medical Conditions Aggravated by Over-exposure:</b> Persons with pre-existing skin disorders, impaired respiratory function maybe more susceptible to effects.   |
| <b>Carcinogen or Suspect Carcinogen Ingredients:</b> NTP - NO IARC - NO OSHA - NO   |

### SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

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| Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention.   |
| Skin: Wash skin with soap and water. Remove contaminated clothing & shoes. Wash before reuse.  |
| Ingestion: DO NOT INDUCE VOMITING If vomiting occurs spontaneously, keep victims head below his hips to prevent his breathing vomitus into his lungs. Drink 1 to 8 glasses of water or milk to dilute. Call physician or poison control center immediately, Treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person. |
| Inhalation: Get to fresh air.  |

### SECTION 8 - SPECIAL PROTECTION INFORMATION

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| Respiratory Protection: Not normally required when using this product as directed.   |
| Ventilation Requirements: Adequate ventilation required to keep exposure under TLV/PEL.  |
| Protective Gloves: Required. the product is highly alkaline  |
| Eye Protection: Not normally required. Goggles are recommended if splashing might occur -- wearing contact lenses is not recommended while using this product. Face shield are required if used overhead or misting or spraying.   |
| Other: When using this product as a floor stripper or cleaner waterproof footwear must be worn. Where gross eye and skin contact may occur -- use and wear appropriate protective clothing including alkali-resistant clothing, rubber boots with pants on the outside, and rubber gloves. |

### SECTION 9 - SPILL OR LEAK PROCEDURES

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| <b>Steps to be Taken if Released or Spilled:</b> For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain. Rinse with water into sanitary sewer system where available. Keep the product out of storm drains, surface waters and soil. |
| <b>Waste Disposal Methods:</b> Note that the contaminates of the product must be considered when disposing. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.  |

### SECTION 10 - STORAGE AND HANDLING INFORMATION

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| <b>Precautions to be Taken in Handling and Storage:</b> Nothing special is required. Do not mix chemicals. This product is a class 8 for storage and transport according DOT/TDG regulations. Keep container tightly closed when not in use. |
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