

SAFETY DATA SHEET

ROAD RUNNER 77

SDS DATE: 1/20/2015

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ROAD RUNNER 77

DISTRIBUTOR: D&M Chem Inc.
ADDRESS: 112 Charron Rd., Moxee, WA 98936

EMERGENCY INFOTRAC PHONE: US & CANADA: 1-800-535-5053 International: 1-352-323-3500

CHEMICAL NAME: Polyether-modified polysiloxane
CHEMICAL FAMILY: Organosilicone surfactant
CHEMICAL FORMULA: Mixture

PRODUCT USE: Adjuvant

SECTION 1 NOTES: None

SECTION 2: HAZARDOUS INGREDIENTS

GHS Ratings:

Toxicity Categories

Acute toxicity (Inhalation) Category 4
Eye irritation Category 2A



Signal Word: WARNING

GHS HAZARDS

H319 Causes serious eye irritation.
H332 Harmful if inhaled.

Hazards Not otherwise classified

H303 May be harmful if swallowed.
H317 May cause an allergic skin reaction

GHS PRECAUTIONS

P102 Keep out of reach of children.
P103 Read label before use.
P234 Keep only in original container.
P260 Do not breathe dust, fume, gas, mist, vapors or spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves, protective clothing, eye protection or face protection.
P301+312 IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell.
P302+353 IF ON SKIN: Wash with plenty of soap and water.
P304+340 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.
P311 Call a POISON CENTER, doctor or physician.
P337+313 If eye irritation persists get medical advice or attention.
P403+233 Store in a well ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

SECTION 3: HAZARDS IDENTIFICATION

INGREDIENT

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Proprietary	Proprietary	70 – 80%
Proprietary	Proprietary	20 – 30%
Polyethylene glycol	25322-68-3	5 – 10%

NOTE: Product does NOT contain any pesticides or pest control agents.

SECTION 3 NOTES: These specific chemical identity and or exact percentage (concentration) of composition has been withheld as a trade secret.

CARCINOGENICITY

OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** No

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SECTION 4: FIRST AID MEASURES

Have the product container with you when calling a poison control center or doctor, or going for treatment.

EYE CONTACT - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. If eye irritation persists: Get medical advice or attention.

SKIN CONTACT - IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice. If skin irritation occurs: Get medical advice or attention.

INGESTION - IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Immediately call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.

INHALATION - IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None

SECTION 5: FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION

HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0 OTHER: -

IN CASE OF FIRE: Use carbon dioxide or dry chemical for small fires and water fog or foam (alcohol, polymer, or ordinary) for large fires. Water stream may spread flames.

SPECIAL FIRE FIGHTING PROCEDURES: Use alcohol-type or universal-type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus with fighting any fire in an enclosed area.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not use water or foam directly on the fire.

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

SECTION 6 NOTES: None

SECTION 7: HANDLING AND STORAGE

HANDLING Keep out of reach of children. Read label before use. Do not breathe dust, fume, gas, mist, vapors or spray. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection.

STORAGE: Store locked up. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

SECTION 7 NOTES: None

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION:	Normal room ventilation (mechanical) or outdoor use should be satisfactory.
RESPIRATORY PROTECTION:	Wear a NIOSH/OSHA approved respirator, approved for use with propionic acid, if necessary.
EYE PROTECTION:	Chemical goggles and face shield.
SKIN PROTECTION:	Impervious gloves, long-sleeved shirts and pants.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	Eye wash and safety shower should be easily accessible.
WORK HYGIENIC PRACTICES:	Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.
EXPOSURE GUIDELINES:	If exposed, see section 4 for acute exposure first aid.
SECTION 8 NOTES:	None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear to amber liquid	FLAMMABLE LIMITS IN AIR, UPPER:	Unknown
ODOR:	Slight polyether odor	(% BY VOLUME) LOWER:	Unknown
ORDER THRESHOLD:	Not known	VAPOR PRESSURE (mmHg):	@ Unknown F: Unknown C: Unknown
PHYSICAL STATE:	Liquid	VAPOR DENSITY (AIR = 1):	@ Unknown F: Unknown C: Unknown
pH AS SUPPLIED:	Not applicable	RELATIVE DENSITY:	0.999 to 1.029
pH (Other):		EVAPORATION RATE:	Unknown
INITIAL BOILING POINT:	F: Unknown C: Unknown	BASIS (butyl acetate=1):	
BOILING POINT RANGE:	F: Unknown C: Unknown	SOLUBILITY IN WATER:	Soluble
MELTING POINT:	F: Unknown C: Unknown	PARTITION COEFFICIENT: (n-octanol/water):	Unknown
FREEZING POINT:	F: Unknown C: Unknown	AUTO-IGNITION TEMPERATURE:	Unknown
FLASH POINT:	F: >200 C: >93	DECOMPOSITION TEMPERATURE:	Unknown
METHOD USED:	PMCC	VISCOSITY:	@ Unknown F: Unknown C: Unknown
FLAMMABILITY (solid, gas):	Not applicable		

SECTION 9 NOTES: Values are not product specifications.

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable <input checked="" type="radio"/> Unstable <input type="radio"/>
CONDITIONS TO AVOID (STABILITY):	None known
INCOMPATIBILITY (MATERIAL TO AVOID):	None known.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	None known
HAZARDOUS POLYMERIZATION:	Will not occur
CONDITIONS TO AVOID (POLYMERIZATION):	None known
SECTION 10 NOTES:	None

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SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Irritation / corrosion
Severely irritating to eyes. Mildly irritating to skin

MIXTURE TOXICITY Oral: LD50 > 5000 mg/kg (rat)
Inhalation: LC50 < 2 mg/L (rat)
Dermal: LD50 > 4000 mg/kg (rabbit)

COMPONENT TOXICITY None

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

ECOTOXICITY: >1 - ≤10 mg/l (Oncorhynchus mykiss) based on similar products

BIOACCUMULATIVE POTENTIAL: Not available

MOBILITY IN SOIL: Not available

OTHER ADVERSE EFFECTS: Not available

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

CONTAINER DISPOSAL: Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

RCRA HAZARD CLASS: None

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

DOT Shipping Description: Not Regulated

U.S. Surface Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60) Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

OTHER AGENCIES: None

SECTION 14 NOTES: None

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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Mixture not listed

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not Regulated

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Regulated

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.