

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: MIRACLE GEL REDUCER
PRODUCT CODE: 8875001

HMIS CODES: H F R P
1 1 0 C

===== SECTION I - MANUFACTURER IDENTIFICATION . =====

MANUFACTURER'S NAME: DANIEL SMITH INC.
ADDRESS: 4130 1ST AVENUE SOUTH, SEATTLE, WASHINGTON 98134
EMERGENCY PHONE: (206) 223-9599 INFORMATION PHONE: (206) 223-9599
DATE REVISED : 01-31-91 NAME OF PREPARER : RONALD W. HARMON
REASON REVISED : NEW

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

HAZARDOUS COMPONENTS/WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS			
	OSHA PEL	ACGIH TLV	OTHER	
				LD50 SPECIES & ROUTE
				LC50 SPECIES & ROUTE

*** NO REPORTABLE QUANTITIES OF INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING POINT: 600 F SPECIFIC GRAVITY (H2O=1): 0.9
VAPOR DENSITY: NO DATA
EVAPORATION RATE: NO DATA
COATING V.O.C. : NO DATA
SOLUBILITY IN WATER: NON-SOLUBLE
APPEARANCE AND ODOR: TRANSLUCENT AMBER OILY PASTE
FREEZING POINT: NOT KNOWN. pH: N/A
COEFFICIENT OF WATER/OIL DIST: N/A ODOR THRESHOLD: N/A

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: >300 F METHOD USED: P.M.C.C.
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: NO DATA UPPER: NO DATA
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

WATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE EXPLOSION WHEN EXPOSED TO EXTREME HEAT. FIREFIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHES

UNUSUAL FIRE AND EXPLOSION HAZARDS

DENSE SMOKE MAY BE GENERATED WHILE BURNING. CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION.

FLAMMABILITY - T.D.G.R. CLASS

SENSITIVITY TO IMPACT

NONE KNOWN.

SENSITIVITY TO STATIC DISCHARGE

NONE KNOWN.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE
CONDITIONS TO AVOID
EXCESSIVE TEMPERATURE, DIRECT HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID)

STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

NONE KNOWN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION: NONE POSSIBLE UNDER NORMAL USE. PROLONGED OR REPEATED MISTING OR AEROSOLIZATION OF THIS PRODUCT CAN POSE A RISK OF PULMONARY DISEASE SUCH AS CHRONIC LUNG INFLAMMATION. SHORTNESS OF BREATH AND COUGH ARE THE MOST COMMON SYMPTOMS

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EYE CONTACT: THIS PRODUCT IS PRACTICALLY NON-IRRITATING TO THE EYES UPON DIRECT CONTACT.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY RESULT IN CONTACT DERMATITIS WHICH IS CHARACTERIZED BY DRYNESS, CHAPPING, AND REDNESS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION: RELATIVELY NON-TOXIC UNLESS ASPIRATION OCCURS.

HEALTH HAZARDS (ACUTE AND CHRONIC)

INHALATION-NONE POSSIBLE UNDER NORMAL USE.

EYE CONTACT-PRACTICALLY NON-IRRITATING.

SKIN CONTACT-DRYNESS, CHAPPING, AND REDNESS OF SKIN.

INGESTION-RELATIVELY NON-TOXIC UNLESS ASPIRATION OCCURS.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

TERATOGENICITY

NONE.

MUTAGENICITY

NONE.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS

NONE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION-IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, REMOVE INDIVIDUAL TO FRESH AIR.

IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

EYE CONTACT-IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER AT LEAST 15 MINUTES;GET MEDICAL ATTENTION IF NECESSARY.

SKIN CONTACT-WASH THOROUGHLY WITH SOAP AND WATER;GET MEDICAL ATTENTION IF NECESSARY.

INGESTION-DO NOT INDUCE VOMITING;GET MEDICAL ATTENTION.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ELIMINATE ALL SOURCES OF IGNITION, PROVIDE GOOD VENTILATION. SOAK UP SPILL WITH ABSORBENT MATERIAL AND REMOVE TO OPEN AIR.

WASTE DISPOSAL METHOD

CONSULT LOCAL, STATE, AND FEDERAL HAZARDOUS WASTE REGULATIONS BEFORE DISPOSING INTO APPROVED HAZARDOUS WASTE LANDFILLS. OBEY RELEVANT LAWS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE AWAY FROM FIRE AND FLAME, KEEP CONTAINERS CLOSED.

OTHER PRECAUTIONS

NONE.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

NONE REQUIRED WITH NORMAL USE. IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, USE A NIOSH APPROVED ORGANIC VAPOR RESPIRATOR WITH A DUST AND MIST FILTER. DO NOT USE COMPRESSED OXYGEN IN HYDROCARBON ATMOSPHERES.

VENTILATION

USE ONLY IN AREAS WITH ADEQUATE VENTILATION.

PROTECTIVE GLOVES

IMPERMEABLE CHEMICAL HANDLING GLOVES FOR SKIN PROTECTION (RUBBER OR VINYL).

EYE PROTECTION

FACE SHIELD OR GOGGLES, IF EYE CONTACT IS PROBABLE.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

IMPERMEABLE APRON OR PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

WORK/HYGIENIC PRACTICES

NORMAL CLEAN-UP PROCEDURES.

===== SECTION IX - DISCLAIMER =====

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