

MIDWEST INDUSTRIAL SUPPLY, INC. P.O. BOX 8431 CANTON, OH 44711 (330) 456-3121	MSDS CODE: 95-022 MAG DATE: 7/28/2003
EMERGENCY PHONE: 800-321-0699	
CHEMICAL DESCRIPTION:	
PRODUCT USE: Dust Suppressant	
PRODUCT NAME(S): Dustbuster SDC 12000	

SECTION II: HAZARDOUS COMPONENTS

HAZARDOUS COMPONENT	CAS NUMBER	APPROX WT %	LD50 or LC50 (species/route)
2-Methyl-2, 4-Pentanediol	00107-41-5	5-10	TCLo 50 ppm (human/inhalat)
Olefin Sulfonate	68439-57-6	10-30	No data available

SECTION III: PHYSICAL DATA

BOILING POINT (F): ~100 C	FREEZE POINT (F): ~ 0 C
pH: 6.5 - 8.5	VAP PRESS (mm Hg): Not determined
% VOLATILE (by VOL): ~ 99.9 %	SPECIFIC GRAVITY: ~ 1.0
VAPOR DENSITY: Not determined	EVAPORATION RATE: Not determined
SOLUBILITY IN WATER: Complete	ODOR THRESH (ppm): Not determined
PHYSICAL STATE: Liquid	OIL/WATER COEFFIC: Not applicable
APPEARANCE AND ODOR: Clear to straw colored liquid, bland odor.	

SECTION IV: FIRE & EXPLOSION DATA (con't on page 2)

FLASH POINT (METHOD): Product is not flammable or combustible.		
AUTO-IGNITION TEMP: Not flammable	LEL: Not flammable	UEL: Not flammable
SENSITIVE TO MECHANICAL IMPACT? No	SENSITIVE TO STATIC DISCHARGE? No	

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SECTION IV: FIRE & EXPLOSION DATA (con't From page 1)

FLAMMABILITY CLASS: Not Flammable	CONDITIONS OF FLAMMABILITY: Not Flammable
<p>EXTINGUISHING MEDIA: Product is not flammable. Use media appropriate to primary source of fire. Otherwise, use dry chemical, water spray, water fog, carbon dioxide, foam or sand/earth.</p>	
<p>SPECIAL FIREFIGHTING PROCEDURES: Product may generate carbon monoxide, carbon dioxide and/or oxides of sulfur if involved in a fire. Firefighters must be equipped to prevent breathing of vapors or products of combustion by using NIOSH approved self-contained breathing apparatus and protective clothing.</p>	
<p>UNUSUAL FIRE & EXPLOSION HAZARDS: Fumes and vapors may collect in confined spaces to present an inhalation hazard if entered into without adequate respiratory protection.</p>	
<p>HAZARDOUS COMBUSTION PRODUCTS: None known.</p>	

SECTION V: REACTIVITY DATA

STABLE - YES: XX	NO:
<p>CONDITIONS OF REACTIVITY: Will react with incompatibles (see Section V below)</p>	
<p>CONDITIONS OF CHEMICAL INSTABILITY: Stable under ambient temperatures and pressures.</p>	
<p>INCOMPATIBILITY (MATERIALS TO AVOID): Can react with oxidizers.</p>	
<p>HAZARDOUS DECOMPOSITION PRODUCTS: Steam when heated; carbon monoxide, carbon dioxide and/or oxides of sulfur if heated to decomposition.</p>	
IS THIS PRODUCT SUBJECT TO POLYMERIZATION?	NO: XX YES:
<p>CONDITIONS UNDER WHICH PRODUCT WILL POLYMERIZE: None known.</p>	

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SECTION VI: TOXICOLOGICAL/HEALTH HAZARD DATA

ROUTES OF ENTRY - SKIN CONTACT: Yes OF ENTRY INHALATION: Yes	SKIN ABSORPTION: Yes INGESTION: Yes	EYE CONTACT: Yes
EXPOSURE LIMITS	ACGIH	OSHA
2-Methyl-2,4-Pentanediol (ceiling) Olefin Sulfonate	25 ppm (125 mg/m3) No data available	25 ppm (125 mg/m3) No data available
EFFECTS OF ACUTE EXPOSURE: Eye, throat and respiratory irritation may be slight upon exposure to levels of 2-Methyl-2,4-Pentanediol at 100 ppm but will become more pronounced at 1000 ppm. Mild to moderate skin irritation to exposed areas have also been reported.		
EFFECTS OF CHRONIC EXPOSURE: No known effects of chronic exposure.		
SIGNS & SYMPTOMS OF EXPOSURE: SKIN CONTACT: Irritation followed by redness and itching. EYE CONTACT: Severe irritation with painful burning. INHALATION of SPRAY/MIST: Irritation to respiratory system such as coughing and shortness of breath.		
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: As with exposure to any environment without adequate personal protection, prolonged or frequent contact may aggravate pre-existing skin and/or respiratory conditions.		
NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known.		IRRITANCY OF PRODUCT: No data available.
REPRODUCTIVE TOXIN? NO	TERATOGEN? NO	MUTAGEN? NO
CONSIDERED CARCINOGENIC BY - NTP? NO		SENSITIZER? NO
		IARC? NO
		OSHA? NO

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SECTION VII: PREVENTATIVE MEASURES

GLOVES (SPECIFY):

Water impervious gloves during manual handling of product.

EYES (SPECIFY):

Safety goggle or chemical splash goggle, especially if splashing expected.

FOOTWEAR (SPECIFY):

Steel reinforced shoes when handling pallets of product.

CLOTHING (SPECIFY):

Long sleeves, buttoned collar, long pants extended over shoes or coveralls.

RESPIRATORY PROTECTION (SPECIFY):

Use NIOSH/MSHA certified respirator with organic vapor cartridge if vapor concentration exceed permissible exposure limit.

SPECIFIC ENGINEERING CONTROLS TO BE USED WITH THIS PRODUCT:

If sprayed in a fine mist, local and general mechanical collection and ventilation in accordance with good engineering practices should be provided to maintain exposure below permissible exposure levels.

PROCEDURES TO FOLLOW IN CASE OF SPILL OR LEAK:

Use adequate personal protection when handling this product, especially at extremely high temperatures or if involved in a fire. Reclaim product for re-use, if possible, or collect and seal in DOT approved containers for disposal in an appropriate manner.

DISPOSAL PROCEDURE: Dispose in accordance with local, state and federal regs.

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SECTION VII: PREVENTATIVE MEASURES (con't From page 4)

HANDLING PROCEDURES AND EQUIPMENT:

Keep container closed when not in use. If sprayed, use with adequate ventilation. Consumption of food and beverages should be avoided in work area where product is being used. After handling product, always wash hands and face thoroughly with soap and water before eating and drinking.

STORAGE REQUIREMENTS:

Suitable for any general chemical storage area. Store between 40F and 120F.

DOT SHIPPING INFO:

Non-regulated
No special precautions.

SECTION VIII: FIRST AID PROCEDURES

INHALATION:

Remove to fresh air immediately. Do not permit exposed person to remain in misty or vaporous environment without adequate respiratory protection.

EYE CONTACT:

Do not rub eyes. Wash eyes under slowly running water for at least fifteen minutes, making sure eyes are held wide open and moved slowly in every direction. Ensure no residue remains in creases of eyelids. If so, continue to wash. If irritation persists, consult an ophthalmologist.

SKIN CONTACT:

Remove from source of irritation. Remove contaminated clothing and wash affected area thoroughly with a mild soap and water. Wash contaminated clothing before reusing.

INGESTION:

If large amounts are swallowed and person is conscious, induce vomiting to prevent further absorption. Immediately call a physician. Never give anything by mouth to an unconscious person.

SECTION IX: PREPARATION INFORMATION

PREPARED BY: JULIE MAMULA

PHONE: (330) 456-3121

DATE PREPARED: 08-10-2003

SOURCES USED:

ACGIH 2000; ATECS June '98; Sax - 8th Ed.; Ind. Exposure & Control Techn. For OSHA Regulated Substances - MgO (Fume), March, '89, pp. 1181-1184; NIOSH Occup. Health Guide. For Chem. Sub. - Vol. II, Sept., '78.