

SAFETY DATA SHEET

SECTION I -- IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

TRADE NAME: DUST-BUSTER® CDS SERIES (8040, 80, 80E, 80S, 6000)
MANUFACTURER: Midwest Industrial Supply, Inc.
1101 3rd Street SE
Canton, OH 44707
EMERGENCY PHONE NUMBER: 330-456-3121
RECOMMENDED USE: Non-residual foaming agent
CHEMICAL NAME: Foaming non-residual dust suppressant
SYNONYMS: Wetting agent

SECTION II -- HAZARDS IDENTIFICATION

CLASSIFICATION: Eye Irritant
Skin Irritant
SIGNAL WORD: Danger
HAZARD STATEMENT(S): Causes serious eye damage, 1
Causes serious skin irritation, 2

Pictograms



Serious eye damage



Skin Irritant

PRECAUTIONARY STATEMENT(S):

Prevention: Wash hands and exposed skin thoroughly after handling.
Wear eye and face protection and protective gloves.
Response: If in eyes, rinse cautiously with water for several minutes.
Remove contact lenses if present and easy to do. Continue rinsing.
Immediately get medical attention.
If on skin, wash with plenty of water.
If skin irritation occurs, get medical attention.
Take off contaminated clothing and wash before reuse.
Storage: None
Disposal: None

OTHER HAZARDS: Hazarduos to aquatic life

SECTION III -- COMPOSITION/INFORMATION ON INGREDIENTS



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Component	CAS #	WT %
Sodium Alpha Olefin Sulfonate	68439-57-6	< 40%
Water	7732-18-5	Non-hazardous
Glycerin	56-81-5	Non-hazardous

SECTION IV -- FIRST AID MEASURES

- INHALATION:** If respiratory irritation occurs, move victim to fresh air. Seek medical attention if distress or irritation persists.
- SKIN:** Remove from source of irritation. Remove any contaminated clothing and wash affected area(s) thoroughly with a mild soap and water. Launder clothing before reusing.
- EYES:** Do not rub eyes. Flush eyes with clear water for at least fifteen (15) minutes. Remove contact lenses, if easy to do. Get medical attention immediately.
- INGESTION:** If swallowed and person is conscious, give 1 – 2 glasses of water. Seek medical attention if symptoms occur. **Never give anything by mouth to an unconscious person.**

RECOMMENDATION TO FIREFIGHTERS ON SPECIAL PROTECTIVE EQUIPMENT OR PRECAUTIONS:

Firefighters should be equipped to prevent breathing of vapor, mist or products of combustion. Use NIOSH approved self-contained breathing apparatus for organic vapors and wear appropriate clothing.

SECTION V -- FIREFIGHTING MEASURES

- EXTINGUISHING MEDIUM:** Do not use water jet it will spread fire. Use other methods suitable for fire circumstances.
- SPECIAL FIREFIGHTING PROCEDURES:** None
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** During fire hazardous gases may form.
- SPECIAL HAZARDS:** None

SECTION VI -- ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS:** Safety glasses and neoprene gloves should be worn especially if frequent or prolonged contact is expected.
- SPILL AND LEAK PROCEDURES:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For small spills wipe up with absorbent materials. For larger spills dyke to control with absorbent material. Prevent product from entering waterways of storm drains.



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SECTION VII -- HANDLING AND STORAGE

- STORAGE:** Keep container closed when not in use. Use in well ventilated area. Store in a location well away from strong oxidizers. Keep product between 55°F and 120°F. Do not allow product to freeze. Some products in Dustbuster CDS Series are able to be stored in below freezing temperatures. Consult your sales representative.
- HANDLING:** Consumption of food and beverages should be avoided in work areas where product is being used. After using product, always wash hands and face with soap and water before eating, drinking, or smoking.

SECTION VIII -- EXPOSURE CONTROL/PERSONAL PROTECTION

- VENTILATION:** Good ventilation or local exhaust.
- RESPIRATORY PROTECTION:** If high vapor or mist concentrations are expected, use NIOSH approve drespirator for organic vapors.
- EYE PROTECTION:** Safety goggles or chemical splash goggles, especially if splashing is anticipated.
- PROTECTIVE CLOTHING:** Wear clothing to minimize skin contact, long sleeves, boots or shoes. Change clothing frequently if contaminated with product. Launder soiled work clothes before re-using. For casual contact PVC gloves are suitable, for prolonged contact use neoprene or nitrile gloves.

SECTION IX -- PHYSICAL AND CHEMICAL PROPERTIES

- Physical State:** Liquid
- Odor:** Slight soap
- Vapor Density:** N/D
- Solubility in Water:** miscible
- Relative Density:** 1.00-1.12
- Melting/Freezing Point:** N/D
- VOC Content:** < 0.1%
- Viscosity:** < 200 Cps @25 C
- Flashpoint:** < 100 C (212 F)
- Flammable Limits LEL:** N/D
- Flammable Limits UEL:** N/D
- Odor Threshold:** N/D
- Initial Boiling Point/Range:** 100 C (212 F)
- Vapor Pressure:** N/D
- Evaporation Rate:** N/D
- pH:** 7-9 (10% water solution)
- Octanol/Water Coefficient:** N/D



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Decomposition Temperature: N/D
Flammability (solid/gas): N/A
Auto Ignition Temperature: N/D

SECTION X -- STABILITY AND REACTIVITY

REACTIVITY: none
CHEMICAL STABILITY: Stable under normal handling conditions.
CHEMICAL INCOMPATIBILITY: Strong oxidizers such as, but not limited to, hydro chlorite.
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may yield carbon dioxide, carbon monoxide, acrolein fumes and oxides of sulphur.
HAZARDOUS POLYMERIZATION: Does not occur.
CONDITIONS TO AVOID: Strong acids and strong oxidizing agents

SECTION XI -- TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE

INHALATION: No adverse effects due to inhalation are expected.
SKIN: Causes skin irritation
EYES: Causes serious eye damage
INGESTION: Expected to be a low ingestion hazard
CARCINOGENICITY: Based on studies to date, CDS Series is not known to be carcinogenic to humans.
GERM CELL MUTAGENICITY: N/D
REPRODUCTIVE TOXIN: N/D
ACUTE TOXICITY: Dermal rabbit LD50 6300-160,000 mg/kg
inhalation rat LD50 52-206 mg/L
oral rat LD50 2079-2340 mg/kg

SECTION XII -- ECOLOGICAL INFORMATION

Ecological studies have not been performed on the CDS SERIES, however, data on sodium alpha olefin sulfonate is as follows:

Ecotoxicity: Toxic to aquatic life.

Components	Species	Test Results
Sulfonic Acids, C14-16-alkane Hydroxy And C14-16-alkene, Sodium Salts (CAS 68439-57-6)		
Aquatic		
Acute		
Algae	EC50	Algae 3.2-5.2 mg/L, 72 h
Crustacea	EC50	Daphnia 4.53 mg/L, 48h
Fish	LC50	Danio rerio 3.5-5mg/L, 96h



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ABBREVIATIONS AND SYMBOLS:

N.D. Not Determined
< Less Than

N.A. Not Applicable
> More Than

N.T. Not Tested