

MIDWEST **DUST-BUSTER®CDS8040**

SAFETY DATA SHEET

Conforms to OSHA HazCom 2024 Standard

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

DUST-BUSTER®CDS8040

1.2 CHEMICAL NAME

Foaming Non-Residual Dust Suppressant.

1.3 SYNONYMS

Wetting Agent.

1.4 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Non-Residual Foaming Agent.

1.5 NAME, ADDRESS, AND TELEPHONE OF MANUFACTURER

Midwest Industrial Supply, Inc.

1101 3rd Street SE

Canton, Ohio 44707

866-662-3878

1.6 EMERGENCY TELEPHONE NUMBER

330-456-3121, Monday – Friday 8AM – 5PM EDT

SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR 1910.1200

Skin Irritation Category 2; Serious Eye Damage Category 1.

2.2 LABEL ELEMENTS

2.2A SIGNAL WORD

Danger

2.2B HAZARD STATEMENTS

Causes skin irritation. Causes serious eye damage.

2.2C HAZARD PICTOGRAMS



2.2D PRECAUTIONARY STATEMENTS

Wear protective gloves. Wear eye or face protection. Wash thoroughly after handling. IF ON SKIN: wash with plenty of water. If skin irritation occurs, get medical advice or attention. Take off contaminated clothing and wash before reuse. IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

2.3 HAZARDS NOT OTHERWISE CLASSIFIED

None.

2.4 UNKNOWN ACUTE TOXICITY

None.

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCE / MIXTURE

Chemical Name	CAS Number	% by Weight
Sodium Alpha Olefin Sulfonate	68439-57-6	15 - 40

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

4.1A INHALATION

Move to fresh air. Seek medical advice attention if distress or irritation persists.

4.1B SKIN

Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

4.1C EYES

Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

4.1D INGESTION

Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person.

4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

Causes serious eye damage. Causes skin irritation. No known acute health effects through inhalation nor ingestion. Over-exposure to the eyes may cause pain, watering, and redness. Over-exposure to the skin may cause pain, irritation, redness, and blistering. Over-exposure to ingestion may cause stomach pains.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

If exposed or concerned, get medical advice and attention. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Do not use water jet as an extinguisher, as this will spread the fire.

5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. Hazardous thermal decomposition products may include halogenated compounds and metal oxides.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

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. Protect from freezing.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Chemical Name	Occupational Exposure Guidelines	
	OSHA-PEL	ACGIH-TLV
Sodium Alpha Olefin Sulfonate	None	None

8.2 APPROPRIATE ENGINEERING CONTROLS

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

8.3 INDIVIDUAL PROTECTION MEASURES

If mist is generated by spraying, use a NIOSH approved organic vapor respirator. Safety goggles or chemical splash goggles must be worn, especially if splashing is anticipated. Wear clothing to minimize skin contact, long sleeves, boots or shoes. Change clothing frequently if contaminated with product. Launder soiled

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work clothes before re-using. For casual contact PVC gloves are suitable, for prolonged contact use neoprene or nitrile gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
COLOR	Clear to Yellow
ODOR	Slight Soap
MELTING POINT	No data available
FREEZING POINT	No data available
BOILING POINT	100°C (212°F)
FLAMMABILITY	No data available
LOWER/UPPER EXPLOSION LIMIT	No data available
FLASH POINT	No data available
AUTO-IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
pH	7 – 9
KINEMATIC VISCOSITY	No data available
SOLUBILITY IN WATER	Miscible
PARTITION COEFFICIENT n-OCTANOL/WATER	No data available
VAPOR PRESSURE	No data available
DENSITY	8.59 – 8.76 lbs./gal
RELATIVE VAPOR DENSITY	No data available
PARTICLE CHARACTERISTICS	No data available
POUR POINT	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No dangerous reaction known under conditions of normal use.

10.2 CHEMICAL STABILITY

Stable under normal conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous polymerization will not occur.

10.4 CONDITIONS TO AVOID

Protect from freezing.

10.5 INCOMPATIBLE MATERIALS

Strong oxidizers and strong acids.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous thermal decomposition products may include halogenated compounds and metal oxides.
Combustion may yield carbon dioxide, carbon monoxide, and sulfur oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON THE LIKELY ROUTES OF EXPOSURE

Eye, Skin, Ingestion, Inhalation.

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11.2 SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL, AND TOXIOLOGICAL CHARACTERISTICS

Exposure to the eyes may cause pain, watering, and redness. Exposure to the skin may cause pain, irritation, redness, and blistering. Exposure to ingestion may cause stomach pains.

11.3 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

No known significant effects or critical hazards.

11.4 NUMERICAL MEASURES OF TOXICITY

PRODUCT	TEST	SPECIES	RESULT
Sodium Alpha Olefin Sulfonate	Acute Oral Toxicity	Rat	LD50 2079 - 2340 mg/kg
Sodium Alpha Olefin Sulfonate	Acute Inhalation Toxicity	Rat	LC50 >52 mg/l Exposure Time: 4h Test Atmosphere: dust/mist
Sodium Alpha Olefin Sulfonate	Acute Dermal Toxicity	Rabbit	LD50 6300 mg/kg

11.5 INTERACTIVE EFFECTS

None known.

11.6 CARCINOGENICITY

This product is not known to be carcinogenic to humans.

SECTION 12: ECOLOGICAL INFORMATION
12.1 ECOTOXICITY

Ecological studies have not been performed on this product.

Sodium Alpha Sulfonate ECOTOXICITY	RESULT
Acute EC50 (Algae)	3.2 – 5.2 mg/L, 72h
Acute LC50 (Danio rerio)	3.5 – 5.0 mg/L, 96h
Acute EC50 (Ceriodaphnia dubia)	4.53 mg/L, 48h
Chronic NOEC (Daphnia)	2.42 mg/L, 21d

12.2 PERSISTENCE AND DEGRADABILITY

Expected to be readily biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

Product has a low potential to bioaccumulate.

12.4 MOBILITY IN SOIL

No data available.

12.5 OTHER ADVERSE EFFECTS

No other adverse effects.

SECTION 13: DISPOSAL CONSIDERATIONS
13.1 DESCRIPTION OF WASTE RESIDUES

Do not allow uncontrolled discharge of product into the environment.

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13.2 INFORMATION ON SAFE HANDLING AND METHODS OF DISPOSAL

Consult with your local authorities about regulations. The disposal facility should be compliant with state, local, and federal government regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER

Not regulated.

14.2 UN PROPER SHIPPING NAME

Not regulated.

14.3 TRANSPORT HAZARD CLASS(ES)

Not regulated.

14.4 ENVIRONMENTAL HAZARDS

Not regulated.

14.5 TRANSPORT IN BULK

Not regulated.

14.6 SPECIAL PRECAUTIONS

Always transport in closed containers that are upright and secure. Ensure that people transporting the product know what to do in the event of an accident or spillage.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS

15.1A EPA SARA TITLE III HAZARD CLASS

Skin irritation and serious eye damage.

15.1B OSHA HCS HAZARD CLASS

Skin Irritation Category 2; Serious Eye Damage Category 1.

15.1C TSCA

Components of this product are listed on TSCA inventory.

15.1D CANADIAN WHIMIS

This product is not a “controlled product”.

15.1E CANADIAN DSL

All components of this product are listed on the Domestic Substance List.

15.1F CALIFORNIA PROPOSITION 65

This product can expose you to chemicals including Formaldehyde, which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION

PREPARATION DATE: 06/08/2020

REVISION DATE: 08/27/2025

VERSION: 2.0

The information and recommendations contained herein are based upon our current knowledge and are intended to describe the product for the purposes of health, safety, and environmental.