



Material Safety Data Sheet

NFPA	PPE		

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Revision Number: 3

24-081 - DECCO Antifoam No. 81

1. PRODUCT AND COMPANY IDENTIFICATION

DECCO
 Cerexagri, Inc.
 1713 S. California Ave.
 Monrovia, CA 91016-0120

Emergency Telephone Number
 Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887
 Medical: Rocky Mountain Poison Control Center
 (866) 673-6671 (24hrs)

Company Information
 Decco-Cerexagri

Contact Information
 Customer Service

Phone Number
 626-358-1838

Available Hrs
 8:00am - 5:00pm (PT)

Product Name DECCO Antifoam No. 81
Recommended Use Food grade antifoam
Product Code 24-081

2. HAZARDS IDENTIFICATION

Emergency Overview
 May be harmful if inhaled.

CAUTION

Appearance Colorless.

Physical State Liquid.

Odor Not available

Potential Health Effects

- Inhalation
- Skin contact

Eyes
Skin
Inhalation

May cause slight irritation.
 May cause mild skin irritation.
 Slightly toxic if inhaled.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name

Chemical Name	CAS-No	Weight %	OSHA PEL
Polydimethylsiloxane	63148-62-9	100	N/A

Engineering Controls

Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems. .

Personal Protective Equipment**Eye/face Protection**

If splashes are likely to occur, wear: Eye/face Protection.

Skin Protection

Wear protective gloves/clothing. Rubber gloves.

Respiratory Protection

Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134. .

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless	Odor	Not available
Physical State	Liquid	pH	(@ 77 F)0.970
Boiling Point/Range	300°F	Melting Point/Range	Not available
Specific Gravity	Not available	Solubility	Not available
Evaporation Rate	Not available	Vapor Pressure	<5.00 mm Hg @ 68 F
Vapor Density	>1.00	VOC Content	Not available
Viscosity	300-400 cps	Molecular Weight	No data available
Bulk Density	8.080 lbs/gal @ 77 F	Percent Solids	Not available
Percent Volatiles	Not available		

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Conditions to Avoid	Keep away from children.
Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	None under normal use.
Possibility of Hazardous Polymerization	Hazardous polymerisation does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity**Component Information**

Siloxanes and silicones, di-Me, reaction products with silica
Single exposure studies indicate that this material is practically non-toxic if swallowed (rat LD50 >5,000 mg/kg) no more than slightly toxic if absorbed through the skin (rat LD50 >2,000 mg/kg) slightly to moderately toxic if inhaled (rat LD50 1,260-2,830 mg/m³) and practically non-irritating to rabbit eyes and skin.

In the absence of heating, these materials have very low vapor pressures and would not be expected to pose notable inhalation hazards in the workplace. No skin allergy was observed in guinea pigs following repeated exposure. Repeated oral, dermal or inhalation studies in rats, mice, rabbits, hamsters,

guinea pigs and dogs have shown minimal adverse effects. The primary effect is increased liver weight without pathological changes. Long-term feeding studies in rats and mice showed no evidence for carcinogenicity or target organ effects. Repeated application to the skin of monkeys resulted in no adverse carcinogenic or non-carcinogenic findings. Rats dosed orally and dermally exhibited no increase in birth defects, nor did it affect the ability to reproduce. No genetic changes were observed in tests using bacteria or animal cells.

Single exposure studies indicate that this material is practically non-toxic if swallowed (rat LD50 >25,000 mg/kg) or absorbed through skin (rabbit LD50 6,800 - 16,000 mg/kg) no more than slightly toxic if inhaled (rat 4 hr LC50 >2.7 mg/l) and non-irritating to slightly irritating to rabbit eyes and skin.

Chronic Toxicity

There are no known carcinogenic chemicals in this product

Carcinogenicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

Dimethyl silicones and siloxanes:

This material is practically non-toxic to bluegill sunfish and rainbow trout (LC50 >10,000 ppm) and cockles, crabs, mummichogs and brown shrimp (LC50 >1,000 ppm). It is slightly toxic to *Daphnia magna* (LC50 45 ppm). Studies with bluegill sunfish show no evidence of bioaccumulation. Mallard ducks and quail had an LC50 value >5,000 ppm for a five day diet exposure. Reproduction in chickens was not affected at levels of 1,000 ppm in the diet.

This material shows low potential for biodegradation by sewage microorganisms. .

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. Do not apply directly to wetlands or water.. Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

Polydimethylsiloxane

DSL	Listed
ENCS	Listed
CHINA	Listed
KECL	Listed

USA**Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Chronic Health Hazard	No
Acute Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any HAPs.

CERCLA**RCRA****Pesticide Information****State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

State Right-to-Know**International Regulations**

Mexico - Grade Not available

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Not determined

16. OTHER INFORMATION

Revision Date 17-Nov-2008

Revision Summary

Update to add NFPA and PPE graphics

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End of MSDS