



# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/6

## DCH-10 Antifoam

Revision 9  
Revision date 2021-09-10

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	DCH-10 Antifoam
--------------	-----------------

#### 1.3. Details of the supplier of the safety data sheet

Company	Ransom & Randolph
Address	3535 Briarfield Boulevard, PO Box 1570 Maumee, Ohio 43537 USA
Web	www.ransom-randolph.com
Telephone	+1 (419) 865-9497
Fax	+1 (419) 865-9997
Email	SDS@ransom-randolph.com
Email address of the competent person	dyouel@ransom-randolph.com

#### 1.4. Emergency telephone number

Emergency telephone number	USA +1 419 865 9497
Company	Ransom & Randolph Co. 08:00-17:00 (US Eastern Std. / GMT minus 5)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Repr. 2: H361;
--------------------------------------	----------------

#### 2.2. Label elements

Hazard pictograms	This substance / mixture has been classified in accordance with the US Federal OSHA Hazard Communication Standard 29CFR 1910.1200. Substance concentration band-ranges are presented, and minor ingredient composition maybe withheld, to protect trade secrets.
-------------------	--



Signal Word	Warning
-------------	---------

Hazard Statement	Repr. 2: H361 - Suspected of damaging fertility or the unborn child .
------------------	---

Precautionary Statement: Prevention	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
-------------------------------------	---

Precautionary Statement: Response	P308+P313 - IF exposed or concerned: Get medical advice/attention.
-----------------------------------	--

Precautionary Statement: Storage	P405 - Store locked up.
----------------------------------	-------------------------

## DCH-10 Antifoam

Revision 9

Revision date 2021-09-10

## 2.2. Label elements

<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to local and national regulations
--	--

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
water/Non-Hazardous Ingredients					90 - 100%	
polydimethylsiloxane		63148-62-9			1 - 10%	Repr. 2: H361;

## Further information

	contains less than one percent - < 1% (w/w) - CAS 556-67-2.
--	---

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
<b>Skin contact</b>	Wash off immediately with plenty of soap and water.
<b>Ingestion</b>	DO NOT INDUCE VOMITING.

## 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	May cause irritation to respiratory system.
<b>Eye contact</b>	May cause irritation to eyes.
<b>Skin contact</b>	May cause irritation to skin.
<b>Ingestion</b>	May cause irritation to mucous membranes. H361 - Suspected of damaging fertility or the unborn child .

## 4.3. Indication of any immediate medical attention and special treatment needed

<b>Inhalation</b>	Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Seek medical attention if irritation or symptoms persist.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
--	---

## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
--	---

## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
--	---

## SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
--	--

## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
--	---

## DCH-10 Antifoam

Revision 9

Revision date 2021-09-10

## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
--	---

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
--	--

## 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
--	--

## 7.3. Specific end use(s)


	Foundry material.
--	-------------------

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

	Ensure adequate ventilation of the working area. exposure limits - Octamethylcyclotetrasiloxane - D4 CAS 556-67-2 10 ppm TWA [DCC OEL].
--	--

## 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	In case of splashing, wear:.. Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC). Wash hands after handling the product.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

## DCH-10 Antifoam

Revision 9

Revision date 2021-09-10

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	White
<b>Odour</b>	No data available
<b>pH</b>	Not determined
<b>Melting point</b>	Not applicable.
<b>Freezing Point</b>	Not determined
<b>Initial boiling point</b>	> 35 °C
<b>Flash point</b>	>101
<b>Evaporation rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	1 (H <sub>2</sub> O = 1 @ 20 °C)
<b>Fat Solubility</b>	Not applicable.
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	Not applicable.
<b>Viscosity</b>	500
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>Conductivity</b>	Not applicable.
<b>Surface tension</b>	Not applicable.
<b>Gas group</b>	Not applicable.
<b>Benzene Content</b>	Not applicable.
<b>Lead content</b>	Not applicable.
<b>VOC (Volatile organic compounds)</b>	Not applicable.

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
--	---------------------------------

## 10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

## 10.3. Possibility of hazardous reactions

	Avoid contact with: Oxidising agents.
--	---------------------------------------

## 10.4. Conditions to avoid

	Do NOT allow to freeze.
--	-------------------------

## 10.5. Incompatible materials

	Oxidising agents.
--	-------------------

## 10.6. Hazardous decomposition products

	Under some conditions, formaldehyde vapors may be generated during curing and heating process steps. The recommended ceiling for formaldehyde vapor is 0.3 ppm.
--	---

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

<b>Acute toxicity</b>	No observed effect concentration.
-----------------------	-----------------------------------

## DCH-10 Antifoam

Revision 9  
Revision date 2021-09-10

## 11.1. Information on toxicological effects

Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	No irritation expected.
Respiratory or skin sensitisation	No data is available on this product.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Adverse reproductive effects have been found in laboratory animals.
Aspiration hazard	No Significant Hazard.

## 11.1.4. Toxicological Information

DCH-10 Antifoam	Oral Rat LD50: 4800 mg/kg
-----------------	---------------------------

## SECTION 12: Ecological information

## 12.1. Toxicity

DCH-10 Antifoam	Fish LC50/96h: 0.0220 mg/l	Algae EC50/72h: 0.022
-----------------	----------------------------	-----------------------

## 12.2. Persistence and degradability

	No data is available on this product.
--	---------------------------------------

## 12.3. Bioaccumulative potential

	No data is available on this product.
--	---------------------------------------

## Partition coefficient

	DCH-10 Antifoam No data available
--	-----------------------------------

## 12.4. Mobility in soil

	No data is available on this product.
--	---------------------------------------

## 12.5. Results of PBT and vPvB assessment

	No data is available on this product.
--	---------------------------------------

## 12.6. Other adverse effects

	No data is available on this product.
--	---------------------------------------

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

	Dispose of in compliance with all. local and national regulations.
--	--

## Disposal methods

	Contact a licensed waste disposal company.
--	--

## Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
--	--

## Further information

	Do not allow runoff water to enter sewers or drains.
--	--

## SECTION 14: Transport information

## 14.1. UN number

	The product is not classified as dangerous for carriage.
--	--

## 14.2. UN proper shipping name

--	--

## DCH-10 Antifoam

Revision 9  
Revision date 2021-09-10

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## Further information

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>Regulations</b>	<p>U.S. FEDERAL REGULATIONS: DCH-10. CERCLA 103 Reportable Quantity: is subject to CERCLA reporting requirements. Benzoic Acid CAS 65-85-0 5000 lbs = RQ;</p> <p>Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.</p> <p>SARA TITLE III: Hazard Category For Section 311/312: reproductive toxicity Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None over threshold (De Minimis)</p> <p>Section 302 Extremely Hazardous Substances (TPQ): none Section 304 Extremely Hazardous Substances (RQ): none</p> <p>EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed or exempt on the TSCA inventory.</p> <p>U.S. STATE REGULATIONS</p> <p>California Proposition 65: No chemical in this product are required to be listed.</p>
--------------------	--

## SECTION 16: Other information

## Other information

<b>Revision</b>	This document differs from the previous version in the following areas: 9 - 9.1. Information on basic physical and chemical properties (Odour).
<b>Text of Hazard Statements in Section 3</b>	Repr. 2: H361 - Suspected of damaging fertility or the unborn child .

## Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
--	--