



SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Neoflex™ Concentrate powder

Revision 1
Revision date 2022-01-12

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

1.1. Product identifier

Product name Neoflex™ Concentrate powder

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

2.2. Label elements

Hazard Statement While this material is not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and made available for employees and other users of this product.

SUPPLEMENTAL HAZARD INFORMATION No Significant Hazard

MAY form combustible dust concentrations in air.

Further information

Not applicable. PBT and vPvB assessment.

SECTION 3: Composition/information on ingredients

Further information

This mixture contains no Hazardous ingredients which have been classified as Health hazards.

Full text for all Risk Phrases mentioned in this section are displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move the exposed person to fresh air.

Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical

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4.1. Description of first aid measures

Skin contact	attention if irritation or symptoms persist.
	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

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

	Seek medical attention if irritation or symptoms persist.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions. Carbon dioxide (CO ₂). Dry chemical. Water spray.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
	May form combustible dust concentrations in air.

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
	Avoid sparks, flames, heat and sources of ignition.

6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Avoid raising dust.
	Transfer to suitable, labelled containers for disposal.
	Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

	See section [2, 8 & 13] for further information.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid raising dust. Avoid sparks, flames, heat and sources of ignition.
	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Wash hands after handling the product.

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
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7.2. Conditions for safe storage, including any incompatibilities

containers.

7.3. Specific end use(s)

Dental Labs.

SECTION 8: Exposure controls/personal protection

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).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Dust
Colour	Light brown
Odour	Odourless/Pleasant
Odour threshold	Not applicable.
pH	= 6 - 8
Melting point	≈ 1060 °C
Freezing Point	No data available
Initial boiling point	> 1670 °C
Flash point	Not determined
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Vapour pressure	No data available
Vapour density	Not applicable.
Relative density	> 1 (H ₂ O = 1 @ 20 °C)
Water solubility	No data available
Fat Solubility	Not applicable.
Partition coefficient	No data available
Autoignition temperature	Not applicable.
Viscosity	Not applicable.
Explosive properties	Not applicable.
Solubility	= Soluble in water

9.2. Other information

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

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Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No Significant Hazard.

10.4. Conditions to avoid

Avoid raising dust. Heat, sparks and open flames.

10.5. Incompatible materials

Oxidising agents.

10.6. Hazardous decomposition productsCarbon dioxide (CO₂). Carbon oxides.**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity	Based on available data, the classification criteria are not met. Ingestion may cause nausea and vomiting.
Skin corrosion/irritation	Based on available data, the classification criteria are not met. May cause irritation to skin.
Serious eye damage/irritation	Based on available data, the classification criteria are not met. Eyes: Contact may cause irritation with redness and tearing.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
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	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Repeated or prolonged exposure	Based on available data, the classification criteria are not met.

11.1.4. Toxicological Information

Neoflex™ Concentrate powder	Oral Rat LD50: 11 g/kg
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SECTION 12: Ecological information**12.1. Toxicity**

No data available

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

not expected to bio-accumulate.

Partition coefficient**Neoflex™ Concentrate powder** No data available**12.4. Mobility in soil**

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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.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

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

Regulations

U.S. FEDERAL REGULATIONS: Neoflex Concentrate powder.

CERCLA 103 Reportable Quantity: none

SARA TITLE III:

Hazard Category For Section 311/312: see Section 2

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

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

U.S. STATE REGULATIONS

California Proposition 65: none.

15.2. Chemical safety assessment

No data is available on this product.

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SECTION 16: Other information**Other information****Revision**

This document differs from the previous version in the following areas:.

2 - Further information.

3 - Further information.

6 - 6.4. Reference to other sections.

7 - 7.3. Specific end use(s).

15 - 15.2. Chemical safety assessment.

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.