



SAFETY DATA SHEET

Product: LithoFoam® NWF NT

Version: 03/2016

Section 1: Identification of the substance/mixture and of the company

1.1. Product identifier

- **Product name:** LithoFoam® NWF NT
- **Use of the product:**
Networkformer for LithoPore® foamed concrete applications

1.2. Relevant identified uses of the substance or mixture and uses advised against

for industrial use only.

- **Uses advised against:** No information available

1.3. Details of the supplier of the safety data sheet

- **Manufacturer:**
Luca Industries International GmbH
Phone: +49 30 457989680
Fax: +49 30 457989689
Email: info@dr-luca.com

1.4. Emergency telephone number: +49 30 457989680 (during normal business hours)

Section 2: Hazards Identification

2.1. Classification of the substance or mixture

- **Classification according to Regulation (EC) nr. 1272/2008**
This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008
- **Classification according to Directive 67/548/EEC or 1999/45/EC:**
This product does not meet the criteria for classification as hazardous as defined in the Directive 67/548/EEC or 1999/45/EC

2.2. Label elements

- **Hazard Pictograms:** no hazard pictograms necessary.
- **Signal word:** not applicable
- **Hazard statements:** No hazard statements
- **Precautionary statements:**
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P301+P330– IF SWALLOWED: Rinse mouth.
P302+P352 – IF ON SKIN: Wash with soap and water.



SAFETY DATA SHEET

Product: LithoFoam® NWF NT

Version: 03/2016

2.3. Other hazards

Possible harmful physico-chemical effects: No further information available

Section 3: Compositions/information on ingredients

3.1. Substances

3.2. Mixtures

Inorganic compounds
Stabilizers
Mass hydrophobization agent
Water

Section 4: First aid measures

4.1. Description of first aid measures

- **Inhalation:** not applicable
- **Skin Contact:** remove any contaminated clothing and wash skin and hair thoroughly with running water.
- **Eye Contact:** wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart.
- **Ingestion:** Rinse mouth with water.

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

No further information available

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

No further informations available

Section 5: Firefighting measures

5.1. Suitable extinguishing agents:

Use firefighting measures that suit the environment.

5.2. Special hazards arising from the substance or mixture:

Not-combustible material. Vapours may form explosive mixtures with air. Formation of small amounts of formaldehyde by thermal degradation is possible.

5.3. Advice for firefighters

It is recommended to wear self-contained breathing apparatus.



SAFETY DATA SHEET

Product: LithoFoam® NWF NT

Version: 03/2016

Section 6: Accidental release measure

6.1. Personal precautions, protective equipment and emergency procedures:

Wear protective equipment to prevent skin and eye contact. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions: No special environmental precautions required.

6.3. Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Absorb remaining residues mechanically.

6.4. Reference to other sections: No release of hazardous substances.

Section 7: Handling and storage

7.1. Precautions for safe handling

Wear protective clothing and eye protection.

Environmental precautions: do not empty into drains.

7.2. Conditions for safe storage, including any incompatibilities

- **Requirements for storage rooms and containers:** Store in a cool, dry, place and out of direct sunlight. Keep containers closed.
- **Advice on storage compatibility:** no special requirements
- **Further informations about storage conditions:**
Protect against moisture, heat and direct sunlight.
Recommended storage temperature: 5-25°C
Storage stability: in case of intended storage in compliance with instructions over 1 year storable.
Storage class: 12
Storage stability: Maximum storage time: 1 year.

Color and odour changes during storage does not impair the effect of the product.

7.3. Specific end use(s) No further informations available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

- **Workplace Exposure Limit:** No exposure limits have been published for this product.



SAFETY DATA SHEET

Product: LithoFoam® NWF NT

Version: 03/2016

- **Technical measures to prevent exposure:** Use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in use.
- **Product-related measures to prevent exposure:** not applicable

8.2. Exposure controls:

- **General safety and hygiene measures:**
It is recommended to wear skin and eye protection (protective goggles).
- **Hygiene:** Avoid contact with skin and eyes. Keep the material away from food and drink. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Appearance: liquid, greyish
- Odour: charakterisctic, mild
- Odor treshold: not available
- pH: 7.45 – 7.75 (10 g/litre, cold)
- Melting point/freezing point: not applicable
- Initial boiling point and boiling range: not available
- Flashpoint: not flammable
- Flammability: not flammable
- Upper/lower flammability or explosive limits: not applicable
- Vapor pressure: not available
- Vapor density: not available
- Relative density (g/ml): 1.10-1.40 (20°C/68°F)
- Solubility: suspendable in water
- Partition coefficient (n-octanol/water): not available
- Auto-ignition temperature: not combustible
- Decomposition temperature: not available
- Viscosity: not available
- Ignition point (°C): not-combustible
- Explosive properties: not explosive
- Oxidizing properties: not available
- Electrolytic conductivity: 0.70 – 0.90 mS/cm (10 g/litre)

9.2. Other information: No further informations available.



SAFETY DATA SHEET

Product: LithoFoam® NWF NT

Version: 03/2016

Section 10: Stability and reactivity

10.1. Reactivity: Stable under recommended conditions.

10.2. Chemical stability:

Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3. Possibility of hazardous reactions: No further informations available

10.4. Conditions to avoid: No further informations available

10.5. Incompatible materials: No further informations available.

10.6. Hazardous decomposition products: No further informations available.

Section 11: Toxicological information

11.1. Information on toxicological effects

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

- **Acute toxicity:** Not expected to be acutely toxic.
- **Skin corrosion/irritation:** Prolonged skin contact may cause mild temporary irritation.
- **Serious eye damage/eye irritation:** This product is not expected to cause serious eye damage/irritation.
- **Respiratory or skin sensitization:** This product is not expected to cause skin or respiratory sensitization.
- **Germ cell mutagenicity:** No components present at greater than 0.1% are mutagenic or genotoxic.
- **Carcinogenicity:** This product is not considered to be a carcinogen.
- **Reproductive toxicity:** This product is not expected to cause reproductive or developmental effects.
- **Specific target organ toxicity single exposure:** Not classified.
- **Specific target organ toxicity repeated exposure:** Not classified.
- **Aspiration hazard:** Not an aspiration hazard.

Section 12: Ecological information

12.1. Toxicity: not hazardous for water



SAFETY DATA SHEET

Product: LithoFoam® NWF NT

Version: 03/2016

12.2. Persistence and degradability: no informations available

12.3. Bioaccumulative potential: Not bioaccumulative

12.4. Mobility in soil: low

12.5. Results of PBT and vPvB assessment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of. 0.1% or higher

12.6. Other adverse effects: no harmful effects.

Section 13: Disposal considerations

13.1. Waste treatment methods: Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14: Transport information

14.1. UN-Number: not applicable

14.2. UN proper shipping name: not applicable

14.3. Transport hazard class(es): not applicable

14.4. Packing group: not applicable

14.5. Environmental hazards: No environmental hazards

14.6. Special precautions for user: no special precautions necessary

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: not applicable

Section 15: Regulatory information

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

- **National regulations: General Classification Guideline for Preparations of the EC (BetrSichV):** not applicable
- **Water hazard class:** WGK 1 (Low water hazard)
- **Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants:** not applicable



SAFETY DATA SHEET

Product: LithoFoam® NWF NT

Version: 03/2016

- **Directive 2012/18/EU of the European Parliament and of the Council of 4 July 2012 on the control of major-accident hazards involving dangerous substances:** not applicable
- **Hazardous ingredients for labeling:** not applicable.

Section 16: Further information

This information applies to the product **LithoFoam® NWF NT**.

It does not constitute a properties guarantee and does not apply to any subsequent products possibly deriving therefrom.