# SAFETY DATA SHEET

## 1. Identification

**Product identifier** **DE NEEF® Sealfoam PURe**

**Other means of identification** None.

**Recommended use** Specialty construction product.

**Recommended restrictions** Not intended for other uses.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Company name** GCP

**Address** 20 Moores Rd.
Malvern, PA 19355
United States

**Telephone** +1 866-333-3726

**Website** www.gcpat.com

**E-mail** Not available.

**Emergency phone number** 3E Global Incident Hotline
1 866 519 4752 (Toll Free)
Access Code: 336250

## 2. Hazard(s) identification

**Hazards of the product as supplied**

| | | |
|---|---|---|
| **Physical hazards** | Not classified. | |
| **Health hazards** | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2 |
| | Sensitization, respiratory | Category 1 |
| | Sensitization, skin | Category 1 |
| | Specific target organ toxicity following single exposure | Category 3 respiratory tract irritation |
| | Specific target organ toxicity following repeated exposure | Category 2 |

**OSHA defined hazards** Not classified.

**Other hazards**

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

**Label elements**



**Signal word** Danger

**Hazard statement** Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.

**Precautionary statement**

**Prevention** Do not breathe mist/vapours. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/eye protection/face protection. Wear respiratory protection.

| | |
|---|---|
| **Response** | If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison centre/doctor if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTRE/doctor. Take off contaminated clothing and wash it before reuse. |
| **Storage** | Store in a well-ventilated place. Keep container tightly closed. Store locked up. |
| **Disposal** | Dispose of contents/container in accordance with local/regional/national/international regulations. |

## 3. Composition/information on ingredients

**Mixtures**

| Chemical name | Common name and synonyms | CAS No./Unique ID | % (w/w) |
|---|---|---|---|
| 2-(2-Ethoxyethoxy)ethyl acetate | | 112-15-2 | 10 - 30 |
| Methylenediphenyl diisocyanate (MDI) | | 26447-40-5 | 10 - 30 |
| 4,4'-methylenediphenyl diisocyanate (MDI) | | 101-68-8 | 7 - 30 |
| 1,3-bis[4-[(4-isocyanatophenyl)methyl]phenyl]-1,3-diazetidine-2,4-dione; 4,4'-Methylenediphenyl diisocyante dimer (4,4'-MDI dimer) | | 17589-24-1 | 0.1 - 1 |
| 1,1',1''-Nitrilotripropan-2-ol | | 122-20-3 | < 0.1 |
| Phosphoric acid; Orthophosphoric acid | | 7664-38-2 | < 0.1 |

**Composition comments** * The exact concentrations of the above listed chemicals are being withheld as a trade secret. All concentrations are in percent by weight.

## 4. First-aid measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If experiencing respiratory symptoms: call a poison centre or doctor / physician.

**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Coughing. Difficulty in breathing. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

**Indication of immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information** If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

**Suitable extinguishing media** Powder. Carbon dioxide ($CO_2$).

**Unsuitable extinguishing media** Water. Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical** During fire, gases hazardous to health may be formed.

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|---|---|
| **Special protective equipment and precautions for firefighters** | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| **Fire fighting equipment/instructions** | Move containers from fire area if you can do so without risk. |
| **Specific methods** | Use standard firefighting procedures and consider the hazards of other involved materials. |
| **General fire hazards** | No unusual fire or explosion hazards noted. |

## 6. Accidental release measures

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|---|---|
| **Personal precautions, protective equipment and emergency procedures** | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. |
| **Methods and materials for containment and cleaning up** | Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.<br><br>Never return spills to original containers for re-use. |
| **Environmental precautions** | Avoid discharge into drains, water courses or onto the ground. |

## 7. Handling and storage

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|---|---|
| **Precautions for safe handling** | Do not breathe mist/vapours. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. |
| **Conditions for safe storage, including any incompatibilities** | Keep locked up or in an area accessible only to qualified or authorised persons. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials. Store in accordance with local/regional/national/international regulation. |

## 8. Exposure controls/personal protection

**Occupational exposure limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

**US. OSHA Table Z-1 Permissible Exposure Limits (PEL) for Air Contaminants (29 CFR 1910.1000)**

| Components | Type | Value |
|---|---|---|
| 4,4'-methylenediphenyl diisocyanate (MDI) (CAS 101-68-8) | Ceiling | 0.2 mg/m3 |
| | | 0.02 ppm |
| Phosphoric acid; Orthophosphoric acid (CAS 7664-38-2) | PEL | 1 mg/m3 |

**US. ACGIH Threshold Limit Values (TLV)**

| Components | Type | Value |
|---|---|---|
| 4,4'-methylenediphenyl diisocyanate (MDI) (CAS 101-68-8) | TWA | 0.005 ppm |
| Methylenediphenyl diisocyanate (MDI) (CAS 26447-40-5) | TWA | 0.005 ppm |
| Phosphoric acid; Orthophosphoric acid (CAS 7664-38-2) | STEL | 3 mg/m3 |
| | TWA | 1 mg/m3 |

**NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended**

| Components | Type | Value |
|---|---|---|
| 4,4'-methylenediphenyl diisocyanate (MDI) (CAS 101-68-8) | IDLH | 75 mg/m3 |
| Phosphoric acid; Orthophosphoric acid (CAS 7664-38-2) | IDLH | 1000 mg/m3 |

**US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL)**

| Components | Type | Value |
|---|---|---|
| 4,4'-methylenediphenyl diisocyanate (MDI) (CAS 101-68-8) | Ceiling | 0.2 mg/m3 |
| | | 0.02 ppm |
| | TWA | 0.05 mg/m3 |

**US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL)**

| Components | Type | Value |
|---|---|---|
| | | 0.005 ppm |
| Phosphoric acid; Orthophosphoric acid (CAS 7664-38-2) | STEL | 3 mg/m3 |
| | TWA | 1 mg/m3 |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. General ventilation normally adequate. Provide eyewash station and safety shower.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves.

**Other** Normal work clothing (long sleeved shirts and long pants) is recommended.

**Respiratory protection** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

**Physical state** Liquid.

**Form** Viscous liquid.

**Colour** Light yellow.

**Odour** Characteristic.

**Melting point/freezing point** Not available.

**Boiling point or initial boiling point and boiling range** Not available.

**Flammability** Not applicable.

**Upper/lower flammability or explosive limits**

**Explosive limit - lower ( %)** Not available.

**Explosive limit – upper (%)** Not available.

**Flash point** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**pH** Not available.

**Kinematic viscosity** Not available.

**Solubility**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Vapour pressure** Not available.

**Density and/or relative density** Not available.

**Vapour density** Not available.

**Particle characteristics** Not available.

**Other information**

**Explosive properties** Not explosive.

**Oxidising properties** Not oxidising.

## 10. Stability and reactivity

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability** Material is stable under normal conditions.

**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.

**Conditions to avoid** Contact with incompatible materials.

**Incompatible materials** Acids. Alcohols.

**Hazardous decomposition products** No hazardous decomposition products are known.

## 11. Toxicological information

**Information on likely routes of exposure**

**Inhalation** May cause irritation to the respiratory system. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.

**Skin contact** Causes skin irritation. May cause an allergic skin reaction.

**Eye contact** Causes serious eye irritation.

**Ingestion** Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological characteristics** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Coughing. Difficulty in breathing. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

**Information on toxicological effects**

**Acute toxicity**

| Components | Species | Test Results |
|---|---|---|
| 1,1',1''-Nitrilotripropan-2-ol (CAS 122-20-3) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rabbit | > 5000 mg/kg |
| **Oral** | | |
| LD50 | Rat | 4000 mg/kg |
| **Presumed Non-Toxic** | | |
| **Inhalation** | | |
| | | 100000 |
| Phosphoric acid; Orthophosphoric acid (CAS 7664-38-2) | | |
| **Acute** | | |
| **Oral** | | |
| LD50 | Rat | 1530 mg/kg |

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitisation**

**Respiratory sensitisation** May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Skin sensitisation** May cause an allergic skin reaction.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

| | |
|---|---|
| 4,4'-methylenediphenyl diisocyanate (MDI) (CAS 101-68-8) | 3 Not classifiable as to carcinogenicity to humans. |
| Methylenediphenyl diisocyanate (MDI) (CAS 26447-40-5) | 3 Not classifiable as to carcinogenicity to humans. |

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

| | |
|---|---|
| **Reproductive toxicity** | This product is not expected to cause reproductive or developmental effects. |
| **Specific target organ toxicity - single exposure** | May cause respiratory irritation. |
| **Specific target organ toxicity - repeated exposure** | May cause damage to organs through prolonged or repeated exposure. |
| **Aspiration hazard** | Not an aspiration hazard. |
| **Chronic effects** | Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure. |

## 12. Ecological information

This material is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

## 13. Disposal considerations

| | |
|---|---|
| **Disposal instructions** | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| **Local disposal regulations** | Dispose in accordance with all applicable regulations. |
| **Hazardous waste code** | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| **Waste from residues / unused products** | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. |
| **Contaminated packaging** | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. |

## 14. Transport information

**DOT**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

| | |
|---|---|
| **Transport in bulk according to IMO instruments** | Not established. |

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Toxic Substances Control Act (TSCA)** All components of the mixture on the TSCA 8(b) inventory are designated “active”.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

2-(2-Ethoxyethoxy)ethyl acetate (CAS 112-15-2)
4,4'-methylenediphenyl diisocyanate (MDI) (CAS 101-68-8)
Phosphoric acid; Orthophosphoric acid (CAS 7664-38-2)

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes

**Classified hazard categories**
Skin corrosion or irritation
Serious eye damage or eye irritation
Respiratory or skin sensitisation
Specific target organ toxicity (single or repeated exposure)

**SARA 313 (TRI reporting)**

| Chemical name | CAS number | % by wt. |
|---|---|---|
| 2-(2-Ethoxyethoxy)ethyl acetate | 112-15-2 | 10 - 30 |
| 4,4'-methylenediphenyl diisocyanate (MDI) | 101-68-8 | 7 - 30 |

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

2-(2-Ethoxyethoxy)ethyl acetate (CAS 112-15-2)
4,4'-methylenediphenyl diisocyanate (MDI) (CAS 101-68-8)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

Phosphoric acid; Orthophosphoric acid (CAS 7664-38-2) High priority

**US state regulations**

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

2-(2-Ethoxyethoxy)ethyl acetate (CAS 112-15-2)
4,4'-methylenediphenyl diisocyanate (MDI) (CAS 101-68-8)
Methylenediphenyl diisocyanate (MDI) (CAS 26447-40-5)
Phosphoric acid; Orthophosphoric acid (CAS 7664-38-2)

**California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

**International Inventories**

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|---|---|---|
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 15-October-2026

**Version No.** 01

**Disclaimer**

GCP cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.