

**Sanifoam
A044**

Date of compilation: 03/08/2023 Revised: 21/08/2024 Version: 2 (Replaced 1)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** Sanifoam
A044
- Other means of identification:**
B5103/04
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses: Disinfectant
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
Arrow Solutions
Rawdon Road, Moira,
DE12 6DA, Swadlincote - Derbyshire - United Kingdom
Phone: 01283 221044
sales@arrowchem.com
www.arrowchem.com
- 1.4 Emergency telephone number:** For 24/7 multilingual advice for spill, leak, fire, exposure, or accident Call CHEMTREC at +44 20 3885 0382 / +44 20 3807 3798 and provide CCN 1018674; NPIS: 0844 892 0111 (healthcare professionals only) or NHS 111.

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):
Classification of this product has been carried out in accordance with GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567).
Aerosol 1: Pressurised container: May burst if heated., H229
Aerosol 1: Flammable aerosols, Category 1, H222
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
- 2.2 Label elements:**
GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):
Danger
- 
- Hazard statements:**
Aerosol 1: H229 - Pressurised container: May burst if heated.
Aerosol 1: H222 - Extremely flammable aerosol.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
- Precautionary statements:**
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Do not pierce or burn, even after use.
P261: Avoid breathing spray
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
P501: Dispose of the contents/containers in accordance with the current legislation on waste treatment
- 2.3 Other hazards:**
Product does not meet PBT/vPvB criteria

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance:**
Non-applicable
- 3.2 Mixture:**
Chemical description: Aqueous mixture composed of additives and biocides

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Components:

In accordance with Annex II of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020, the product contains:

| Identification | Chemical name/Classification | Concentration |
|-----------------|--|---------------|
| CAS: 68476-85-7 | Petroleum gases, liquefied, < 0.1 % EC 203-450-8 Flam. Gas 1A: H220; Press. Gas: H280 - Danger | 3 - <10 % |
| CAS: 34590-94-8 | Dipropylene Glycol Methyl Ether | <1 % |
| CAS: 2372-82-9 | N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine Acute Tox. 3: H301; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Corr. 1B: H314; STOT RE 2: H373 - Danger | <1 % |
| CAS: 7632-00-0 | sodium nitrite Acute Tox. 3: H301; Aquatic Acute 1: H400; Eye Irrit. 2: H319; Ox. Sol. 2: H272 - Danger | <1 % |

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

| Identification | Acute toxicity | | Genus |
|--|----------------|--------------|-------|
| | LD50 oral | LD50 dermal | |
| sodium nitrite CAS: 7632-00-0 | 180 mg/kg | Not relevant | Rat |
| | Not relevant | Not relevant | |
| | Not relevant | Not relevant | |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 | 261 mg/kg | Not relevant | Rat |
| | Not relevant | Not relevant | |
| | Not relevant | Not relevant | |

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

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SECTION 5: FIREFIGHTING MEASURES (continued)

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

Unsuitable extinguishing media:

Water jet

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...).

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilled product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 4 °C

Maximum Temp.: 40 °C

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SECTION 7: HANDLING AND STORAGE (continued)

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be assessed in the workplace:

EH40/2005 Workplace exposure limits, fourth edition, published 2020:

| Identification | Occupational exposure limits | | |
|---|------------------------------|----------|------------------------|
| | WEL (8h) | 50 ppm | 308 mg/m ³ |
| Dipropylene Glycol Methyl Ether ⁽¹⁾ CAS: 34590-94-8 | WEL (15 min) | | |
| Petroleum gases, liquefied, < 0.1 % EC 203-450-8 CAS: 68476-85-7 | WEL (8h) | 1000 ppm | 1750 mg/m ³ |
| | WEL (15 min) | 1250 ppm | 2180 mg/m ³ |

⁽¹⁾ Skin

DNEL (Workers):

| Identification | | Short exposure | | Long exposure | |
|--|------------|---------------------|--------------|-------------------------|--------------|
| | | Systemic | Local | Systemic | Local |
| Petroleum gases, liquefied, < 0.1 % EC 203-450-8 CAS: 68476-85-7 EC: 270-704-2 | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 23.4 mg/kg | Not relevant |
| | Inhalation | Not relevant | Not relevant | Not relevant | Not relevant |
| Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2 | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 283 mg/kg | Not relevant |
| | Inhalation | Not relevant | Not relevant | 308 mg/m ³ | Not relevant |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 EC: 219-145-8 | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 8.96 mg/kg | Not relevant |
| | Inhalation | Not relevant | Not relevant | 0.789 mg/m ³ | Not relevant |
| sodium nitrite CAS: 7632-00-0 EC: 231-555-9 | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | Not relevant | Not relevant |
| | Inhalation | 2 mg/m ³ | Not relevant | 2 mg/m ³ | Not relevant |

DNEL (General population):

| Identification | | Short exposure | | Long exposure | |
|---|------------|----------------|--------------|-------------------------|--------------|
| | | Systemic | Local | Systemic | Local |
| Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2 | Oral | Not relevant | Not relevant | 36 mg/kg | Not relevant |
| | Dermal | Not relevant | Not relevant | 121 mg/kg | Not relevant |
| | Inhalation | Not relevant | Not relevant | 37.2 mg/m ³ | Not relevant |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 EC: 219-145-8 | Oral | Not relevant | Not relevant | 0.04 mg/kg | Not relevant |
| | Dermal | Not relevant | Not relevant | 3.2 mg/kg | Not relevant |
| | Inhalation | Not relevant | Not relevant | 0.118 mg/m ³ | Not relevant |

PNEC:

| Identification | | Short exposure | | Long exposure | |
|---|--------------|----------------|-------------------------|---------------|-------|
| | | Systemic | Local | Systemic | Local |
| Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2 | STP | 4168 mg/L | Fresh water | 19 mg/L | |
| | Soil | 2.74 mg/kg | Marine water | 1.9 mg/L | |
| | Intermittent | 190 mg/L | Sediment (Fresh water) | 70.2 mg/kg | |
| | Oral | Not relevant | Sediment (Marine water) | 7.02 mg/kg | |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 EC: 219-145-8 | STP | 0.18 mg/L | Fresh water | 0.001 mg/L | |
| | Soil | 45.34 mg/kg | Marine water | 0 mg/L | |
| | Intermittent | 0 mg/L | Sediment (Fresh water) | 3.2 mg/kg | |
| | Oral | Not relevant | Sediment (Marine water) | 0.13 mg/kg | |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | | | |
|---|--------------|--------------|-------------------------|-------------|
| sodium nitrite CAS: 7632-00-0 EC: 231-555-9 | STP | 21 mg/L | Fresh water | 0.005 mg/L |
| | Soil | 0.001 mg/kg | Marine water | 0.006 mg/L |
| | Intermittent | 0.005 mg/L | Sediment (Fresh water) | 0.019 mg/kg |
| | Oral | Not relevant | Sediment (Marine water) | 0.022 mg/kg |

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<UKCA marking>> or <<CE marking>>. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

| Pictogram | PPE | Remarks |
|--|---|--|
|  Compulsory use of face mask | Filter mask for particles (Filter type: FFP1) | Replace when an increase in resistance to breathing is observed. |

C.- Specific protection for the hands

| Pictogram | PPE | Remarks |
|--|--|--|
|  Mandatory hand protection | Chemical protective gloves (Material: Latex (natural rubber), Breakthrough time: > 480 min, Thickness: 0.062 mm, Conditions of use: Splashing) | Replace the gloves at any sign of deterioration. |
|  Mandatory hand protection | Chemical protective gloves (Material: Nitrile/Neoprene, Breakthrough time: > 480 min, Thickness: 0.062 mm, Conditions of use: Splashing) | Replace the gloves at any sign of deterioration. |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

| Pictogram | PPE | Remarks |
|--|---|---|
|  Mandatory face protection | Panoramic glasses against splash/projections. | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Body protection

| Pictogram | PPE | Remarks |
|---|---|---|
|  Mandatory complete body protection | Antistatic and fireproof protective clothing | Limited protection against flames. |
| | Work clothing | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |
|  Mandatory foot protection | Safety footwear with antistatic and heat resistant properties | Replace boots at any sign of deterioration. |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

F.- Additional emergency measures

| Emergency measure | Standards | Emergency measure | Standards |
|---|---|--|--|
|  Emergency shower | ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011 |  Eyewash stations | DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011 |

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:

Physical state at 20 °C: Aerosol
Appearance: Characteristic
Colour: White
Odour: Characteristic
Odour threshold: Not relevant *

Volatility:

Boiling point at atmospheric pressure: -42 °C (Propellant)
Vapour pressure at 20 °C: Not relevant *
Vapour pressure at 50 °C: <300000 Pa (300 kPa)
Evaporation rate at 20 °C: Not relevant *

Product description:

Density at 20 °C: Not relevant *
Relative density at 20 °C: Not relevant *
Dynamic viscosity at 20 °C: Not relevant *
Kinematic viscosity at 20 °C: Not relevant *
Kinematic viscosity at 40 °C: Not relevant *
Concentration: Not relevant *
pH: Not relevant *
Vapour density at 20 °C: Not relevant *
Partition coefficient n-octanol/water 20 °C: Not relevant *
Solubility in water at 20 °C: Not relevant *
Solubility properties: Water-soluble
Decomposition temperature: Not relevant *
Melting point/freezing point: Not relevant *
Recipient pressure: 299975 - 449963 Pa (3 - 4.5 bar)

Flammability:

Flash Point: -104 °C (Propellant)
Flammability (solid, gas): Not relevant *
Autoignition temperature: Not relevant *
Lower flammability limit: Not relevant *
Upper flammability limit: Not relevant *

Particle characteristics:

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
 - Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
 - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
 - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
 - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
 - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- G- Specific target organ toxicity (STOT)-repeated exposure:
 - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

| Identification | Acute toxicity | | Genus |
|---|-----------------|------------------|--------|
| | LD50 oral | LD50 dermal | |
| Petroleum gases, liquefied, < 0.1 % EC 203-450-8 CAS: 68476-85-7 | LD50 oral | >5000 mg/kg | |
| | LD50 dermal | >5000 mg/kg | |
| | LC50 inhalation | >5 mg/L | |
| sodium nitrite CAS: 7632-00-0 | LD50 oral | 180 mg/kg (ATEi) | Rat |
| | LD50 dermal | >5000 mg/kg | |
| | LC50 inhalation | >5 mg/L | |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 | LD50 oral | 261 mg/kg (ATEi) | Rat |
| | LD50 dermal | >5000 mg/kg | |
| | LC50 inhalation | >20 mg/L | |
| Dipropylene Glycol Methyl Ether CAS: 34590-94-8 | LD50 oral | >5000 mg/kg | Rat |
| | LD50 dermal | 9510 mg/kg | Rabbit |
| | LC50 inhalation | >20 mg/L | |

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Harmful to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

| Identification | Concentration | | Species | Genus |
|--|---------------|-------------------|---------------------------------|------------|
| | LC50 | EC50 | | |
| Dipropylene Glycol Methyl Ether CAS: 34590-94-8 | LC50 | 10000 mg/L (96 h) | Pimephales promelas | Fish |
| | EC50 | 1919 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | Not relevant | | |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 | LC50 | 0.431 mg/L (96 h) | Danio rerio | Fish |
| | EC50 | 0.078 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 0.015 mg/L (96 h) | Pseudokirchneriella subcapitata | Algae |
| sodium nitrite CAS: 7632-00-0 | LC50 | 0.54 mg/L (96 h) | Oncorhynchus mykiss | Fish |
| | EC50 | 15.4 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 110 mg/L (72 h) | Desmodesmus subspicatus | Algae |

Chronic toxicity:

| Identification | Concentration | | Species | Genus |
|--|---------------|--------------|-----------------|------------|
| | NOEC | EC50 | | |
| Dipropylene Glycol Methyl Ether CAS: 34590-94-8 | NOEC | Not relevant | | |
| | NOEC | 0.5 mg/L | Daphnia magna | Crustacean |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 | NOEC | Not relevant | | |
| | NOEC | 0.024 mg/L | Daphnia magna | Crustacean |
| sodium nitrite CAS: 7632-00-0 | NOEC | 21 mg/L | Cyprinus carpio | Fish |
| | NOEC | 9.86 mg/L | Penaeus monodon | Crustacean |

12.2 Persistence and degradability:

Substance-specific information:

| Identification | Degradability | | Biodegradability | |
|--|---------------|--------------|------------------|--------------|
| | BOD5 | COD | Concentration | Period |
| Dipropylene Glycol Methyl Ether CAS: 34590-94-8 | BOD5 | Not relevant | Concentration | Not relevant |
| | COD | 0 g O2/g | Period | 28 days |
| | BOD5/COD | Not relevant | % Biodegradable | 73 % |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 | BOD5 | Not relevant | Concentration | 0.02 mg/L |
| | COD | Not relevant | Period | 28 days |
| | BOD5/COD | Not relevant | % Biodegradable | 73.84 % |

12.3 Bioaccumulative potential:

Substance-specific information:

| Identification | Bioaccumulation potential | |
|--|---------------------------|---------|
| | BCF | Pow Log |
| Dipropylene Glycol Methyl Ether CAS: 34590-94-8 | 1 | -0.06 |
| | Potential | Low |

12.4 Mobility in soil:

Not available
Water-soluble

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

| Code | Description | Waste class |
|-----------|---|-------------|
| 16 05 04* | gases in pressure containers (including halons) containing hazardous substances | Hazardous |

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SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Type of waste:

HP14 Ecotoxic, HP3 Flammable

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance The Waste (England & Wales) Regulations 2011, 2011 No. 988. As under 15 01 of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of UK REACH the provisions related to waste management are stated:

UK legislation: The Waste (England & Wales) Regulations 2011.

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:



| | |
|---|---------------|
| 14.1 UN number: | UN1950 |
| 14.2 UN proper shipping name: | AEROSOLS |
| 14.3 Transport hazard class(es): | 2 |
| Labels: | 2.1 |
| 14.4 Packing group: | N/A |
| 14.5 Environmental hazards: | No |
| 14.6 Special precautions for user | |
| Tunnel restriction code: | D |
| Physico-Chemical properties: | see section 9 |
| Limited quantities: | 1 L |
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: | Not relevant |

Transport of dangerous goods by sea:

With regard to IMDG 41-22:



| | |
|---|-----------------------------|
| 14.1 UN number: | UN1950 |
| 14.2 UN proper shipping name: | AEROSOLS |
| 14.3 Transport hazard class(es): | 2 |
| Labels: | 2.1 |
| 14.4 Packing group: | N/A |
| 14.5 Marine pollutant: | No |
| 14.6 Special precautions for user | |
| Special regulations: | 63, 959, 190, 277, 327, 344 |
| EmS Codes: | F-D, S-U |
| Physico-Chemical properties: | see section 9 |
| Limited quantities: | 1 L |
| Segregation group: | Not relevant |
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: | Not relevant |

Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:

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SECTION 14: TRANSPORT INFORMATION (continued)



| | |
|---|---------------|
| 14.1 UN number: | UN1950 |
| 14.2 UN proper shipping name: | AEROSOLS |
| 14.3 Transport hazard class(es): | 2 |
| Labels: | 2.1 |
| 14.4 Packing group: | N/A |
| 14.5 Environmental hazards: | No |
| 14.6 Special precautions for user | |
| Physico-Chemical properties: | see section 9 |
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: | Not relevant |

SECTION 15: REGULATORY INFORMATION

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

- Substances listed in UK candidate list of substances of very high concern (SVHCs): Not relevant
- Substances listed in UK REACH Authorisation List (Annex 14): Not relevant

Restrictions to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII UK REACH, etc):

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

- The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.
- The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020.
- Control of Substances Hazardous to Health Regulations 2002 (as amended)
- EH40/2005 Workplace exposure limits.
- The Aerosol Dispensers Regulations 2009
- The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019: SCHEDULE 13 -Amendment of the Aerosol Dispensers Regulations 2009
- The Product Safety and Metrology etc. (Amendment etc.) (UK(NI) Indication) (EU Exit) Regulations 2020

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

Texts of the legislative phrases mentioned in section 2:

- H412: Harmful to aquatic life with long lasting effects.
- H229: Pressurised container: May burst if heated.
- H222: Extremely flammable aerosol.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):

- Acute Tox. 3: H301 - Toxic if swallowed.
- Aquatic Acute 1: H400 - Very toxic to aquatic life.
- Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
- Eye Irrit. 2: H319 - Causes serious eye irritation.
- Flam. Gas 1A: H220 - Extremely flammable gas.
- Ox. Sol. 2: H272 - May intensify fire, oxidiser.
- Press. Gas: H280 - Contains gas under pressure, may explode if heated.
- Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
- STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

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**Sanifoam
A044**

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SECTION 16: OTHER INFORMATION (continued)

Classification procedure:

Aquatic Chronic 3: Calculation method

Aerosol 1: Calculation method

Aerosol 1: Calculation method

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -