

**Active Foam concetrare**

Date of compilation: 2022-02-02

Version: 1

**SECTION 1: IDENTIFICATION****1.1 Product identifier:** Active Foam concetrare**Other means of identification:**

Non-applicable

**1.2 Recommended use of the chemical and restrictions on use:**

Relevant uses: Product for treating metal surfaces

Uses advised against: All uses not specified in this section or in section 7.3

**1.3 Initial supplier identifier:**

AUTOLAND Sp. Jawna J.Kisielewski & J. .Moranski  
Ogrodowa 37  
00-873 Warszawa - Poland  
Phone: 0048-32-47 22 531  
autoland\_hse@autoland.pl  
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Canada supplier identifier:

SAFETYWAY SALES INC./LES VENTES SAFETYWAY INC.  
2844 Avenue. Alexandre-Dumas  
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Tel: +1 (450) 492-9012  
info@safetywaysales.com  
[www.safetywaysales.com](http://www.safetywaysales.com)

**1.4 Emergency phone number:****SECTION 2: HAZARD IDENTIFICATION****2.1 Classification of the substance or mixture:****WHMIS 2015:**

Classification of this product has been carried out in accordance with Part 2 of Hazardous Products Regulations (SOR/2015-17)

Eye Dam. 1: Serious eye damage, Category 1, H318

Skin Corr. 1: Skin corrosion, Category 1, H314

**2.2 Label elements:****WHMIS 2015:**

Danger

**Hazard statements:**

Skin Corr. 1: H314 - Causes severe skin burns and eye damage.

**Precautionary statements:**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501: Dispose of contents and / or their container according to the separated collection system used in your municipality.

**Substances that contribute to the classification**

Alcohols, C12-14(even numbered), ethoxylated &lt; 2.5 EO, sulfates, sodium salts; tetrasodium ethylene diamine tetraacetate; Sulfonic acids, C14-17-sec-alkane, sodium salts

**2.3 Health and physical hazards not otherwise classified (HHNOC - PHNOC):**

Non-applicable

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

- CONTINUED ON NEXT PAGE -

**Active Foam concetrtrate**

Date of compilation: 2022-02-02

Version: 1

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)**

**3.1 Substances:**

Non-applicable

**3.2 Mixtures:**

**Chemical description:** Mixture composed of anionic and non-ionic surfactants

**Components:**

In accordance with Schedule I of the Hazardous Products Regulations (SOR/2015-17), the product contains:

| Identification  | Chemical name/Classification  | Concentration        |
|-----------------|---|----------------------|
| CAS: 68891-38-3 | <b>Alcohols, C12-14(even numbered), ethoxylated &lt; 2.5 EO, sulfates, sodium salts</b><br>Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger | <b>10 - &lt;30 %</b> |
| CAS: 64-02-8    | <b>tetrasodium ethylene diamine tetraacetate</b><br>Acute Tox. 4: H302; Eye Dam. 1: H318 - Danger   | <b>10 - &lt;30 %</b> |
| CAS: 112-34-5   | <b>2-(2-butoxyethoxy)ethanol</b><br>Eye Irrit. 2: H319 - Warning  | <b>1 - &lt;5 %</b>   |
| CAS: 97489-15-1 | <b>Sulfonic acids, C14-17-sec-alkane, sodium salts</b><br>Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger              | <b>1 - &lt;5 %</b>   |

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

**Other information:**

| Identification   | Specific concentration limit   |
|--|--|
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts<br>CAS: 68891-38-3 | % (w/w) >=10: Eye Dam. 1 - H318<br>5<= % (w/w) <10: Eye Irrit. 2 - H319  |
| Sulfonic acids, C14-17-sec-alkane, sodium salts<br>CAS: 97489-15-1                               | % (w/w) >=10: Skin Irrit. 2 - H315<br>% (w/w) >=15: Eye Dam. 1 - H318<br>10<= % (w/w) <15: Eye Irrit. 2 - H319 |

**SECTION 4: FIRST-AID MEASURES**

**4.1 Description of necessary measures:**

Request medical assistance immediately, 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:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**By eye contact:**

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**By ingestion/aspiration:**

Request immediate medical assistance, showing the SDS of this product. Do not induce vomiting, because its expulsion from the stomach can be hazardous to the mucus of the main digestive tract, and its inhalation, to the respiratory system. Rinse out the mouth and throat, as they may have been affected during ingestion. In the case of loss of consciousness do not administrate anything orally unless supervised by a doctor. Keep the person affected at rest.

**4.2 Most important symptoms/effects, acute and delayed:**

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

**4.3 Indication of immediate medical attention and special treatment needed, if necessary:**

Non-applicable

**Active Foam concetrate**

Date of compilation: 2022-02-02

Version: 1

**SECTION 5: FIRE-FIGHTING MEASURES****5.1 Suitable (and unsuitable) extinguishing media:****Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

**Unsuitable extinguishing media:**

Non-applicable

**5.2 Specific hazards arising from the chemical:**

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 Special protective equipment and precautions for fire-fighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. 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. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, 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 spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

**For emergency responders:**

See section 8.

**6.2 Environmental precautions:**

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

**6.3 Methods and materials 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.- Precautions for safe manipulation**

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

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

Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

**C.- Technical recommendations to prevent ergonomic and toxicological risks**

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

**D.- Technical recommendations to prevent environmental risks**

**Active Foam concentrate**

Date of compilation: 2022-02-02

Version: 1

**SECTION 7: HANDLING AND STORAGE (continued)**

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

**7.2 Conditions for safe storage, including any incompatibilities:**

A.- Technical measures for storage

Minimum Temp.: 0 °C

Maximum Temp.: 30 °C

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 monitored in the workplace:

There are no occupational exposure limits for the substances contained in the product

**8.2 Appropriate engineering controls:**

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

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection 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

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Non-applicable

D.- Ocular and facial protection

Non-applicable

E.- Bodily protection

Non-applicable

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

**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

**Volatile organic compounds (VOC) according to Canadian Environmental Protection Act, 1999:**

Volatile organic compounds: 70.2 % weight

V.O.C. density at 20 °C: 2793 kg/m<sup>3</sup> (2793 g/L)**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

Physical state at 20 °C: Liquid

Appearance: Not available

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

- CONTINUED ON NEXT PAGE -

## Active Foam concentrate

Date of compilation: 2022-02-02

Version: 1

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

|                  |  |
|------------------|--|
| Color:           | According to the markings on the package |
| Odor:            | Characteristic                           |
| Odour threshold: | Non-applicable *                         |

**Volatility:**

|  |                        |
|--|------------------------|
| Boiling point at atmospheric pressure: | 100 - 1390 °C          |
| Vapour pressure at 20 °C:              | 2342 Pa                |
| Vapour pressure at 50 °C:              | 12338.1 Pa (12.34 kPa) |
| Evaporation rate at 20 °C:             | Non-applicable *       |

**Product description:**

|  |                               |
|--|-------------------------------|
| Density at 20 °C:                            | 1100 - 1120 kg/m <sup>3</sup> |
| Relative density at 20 °C:                   | 1.11                          |
| Dynamic viscosity at 20 °C:                  | Non-applicable *              |
| Kinematic viscosity at 20 °C:                | Non-applicable *              |
| Kinematic viscosity at 40 °C:                | Non-applicable *              |
| Concentration:                               | Non-applicable *              |
| pH:  | 11 - 13                       |
| Vapour density at 20 °C:                     | Non-applicable *              |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable *              |
| Solubility in water at 20 °C:                | Non-applicable *              |
| Solubility properties:                       | Non-applicable *              |
| Decomposition temperature:                   | Non-applicable *              |
| Melting point/freezing point:                | Non-applicable *              |

**Flammability:**

|                            |                        |
|----------------------------|------------------------|
| Flash Point:               | Non Flammable (>93 °C) |
| Flammability (solid, gas): | Non-applicable *       |
| Autoignition temperature:  | 204 °C                 |
| Lower flammability limit:  | Non-applicable *       |
| Upper flammability limit:  | Non-applicable *       |

**Particle characteristics:**

|                             |                |
|-----------------------------|----------------|
| Median equivalent diameter: | Non-applicable |
|-----------------------------|----------------|

**9.2 Other information:**

**Information with regard to physical hazard classes:**

|  |                  |
|--|------------------|
| Explosive properties:  | Non-applicable * |
| Oxidising properties:  | Non-applicable * |
| Corrosive to metals:   | Non-applicable * |
| Heat of combustion:  | Non-applicable * |
| Aerosols-total percentage (by mass) of flammable components: | Non-applicable * |

**Other safety characteristics:**

|                           |                  |
|---------------------------|------------------|
| Surface tension at 20 °C: | Non-applicable * |
| Refraction index:         | Non-applicable * |

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

### SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity:**

- CONTINUED ON NEXT PAGE -

**Active Foam concetrate**

Date of compilation: 2022-02-02      Version: 1

**SECTION 10: STABILITY AND REACTIVITY (continued)**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

**10.2 Chemical stability:**

Chemically stable under the conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight       | Humidity       |
|--------------------|------------------|-------------------------|----------------|----------------|
| Not applicable     | Not applicable   | Not applicable          | Not applicable | Not applicable |

**10.5 Incompatible materials:**

| Acids              | Water          | Oxidising materials | Combustible materials | Others         |
|--------------------|----------------|---------------------|-----------------------|----------------|
| Avoid strong acids | Not applicable | Precaution          | Not applicable        | Not applicable |

**10.6 Hazardous decomposition products:**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects:**

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

Contains glycols. With possibility of effects that are hazardous to the health, it is recommended not to breathe the vapours for long periods of time.

**Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Corrosive product, if it is swallowed causes burns destroying the tissues. For more information about secondary effects from skin contact see section 2.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Above all, skin contact may occur as fabrics of all thicknesses can be destroyed, resulting in burns. For more information on the secondary effects see section 2.
- Contact with the eyes: Produces serious eye damage after contact.

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 dangerous for the effects mentioned. For more information see section 3.  
IARC: d-limonene (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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 dangerous for this effect. For more information see section 3.

E- Sensitizing effects:

**Active Foam concetrate**

Date of compilation: 2022-02-02      Version: 1

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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 dangerous 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, as it does not contain substances classified as dangerous 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 dangerous 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 dangerous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

| Identification   | Acute toxicity  |             | Genus |
|--|-----------------|-------------|-------|
|  |                 |             |       |
| 2-(2-butoxyethoxy)ethanol<br>CAS: 112-34-5   | LD50 oral       | >5000 mg/kg |       |
|  | LD50 dermal     | >5000 mg/kg |       |
|  | LC50 inhalation | >20 mg/L    |       |
| tetrasodium ethylene diamine tetraacetate<br>CAS: 64-02-8  | LD50 oral       | 1700 mg/kg  | Rat   |
|  | LD50 dermal     | >5000 mg/kg |       |
|  | LC50 inhalation | >5 mg/L     |       |
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts<br>CAS: 68891-38-3 | LD50 oral       | >5000 mg/kg |       |
|  | LD50 dermal     | >5000 mg/kg |       |
|  | LC50 inhalation | >5 mg/L     |       |
| Sulfonic acids, C14-17-sec-alkane, sodium salts<br>CAS: 97489-15-1                               | LD50 oral       | 2980 mg/kg  | Rat   |
|  | LD50 dermal     | >5000 mg/kg |       |
|  | LC50 inhalation | >5 mg/L     |       |

**SECTION 12: ECOLOGICAL INFORMATION**

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

**Active Foam concentrate**

Date of compilation: 2022-02-02

Version: 1

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

**12.1 Ecotoxicity (aquatic and terrestrial, where available):**

**Acute toxicity:**

| Identification   | Concentration |                  | Species                 | Genus      |
|--|---------------|------------------|-------------------------|------------|
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts<br>CAS: 68891-38-3 | LC50          | 7.1 mg/L (96 h)  | Danio rerio             | Fish       |
|  | EC50          | 7.4 mg/L (48 h)  | Daphnia magna           | Crustacean |
|  | EC50          | 27 mg/L (72 h)   | Scenedesmus subspicatus | Algae      |
| tetrasodium ethylene diamine tetraacetate<br>CAS: 64-02-8  | LC50          | 121 mg/L (96 h)  | Lepomis macrochirus     | Fish       |
|  | EC50          | 140 mg/L (48 h)  | Daphnia magna           | Crustacean |
|  | EC50          | Non-applicable   |                         |            |
| 2-(2-butoxyethoxy)ethanol<br>CAS: 112-34-5   | LC50          | 1300 mg/L (96 h) | Lepomis macrochirus     | Fish       |
|  | EC50          | 2850 mg/L (24 h) | Daphnia magna           | Crustacean |
|  | EC50          | 53 mg/L (192 h)  | Microcystis aeruginosa  | Algae      |
| Sulfonic acids, C14-17-sec-alkane, sodium salts<br>CAS: 97489-15-1                               | LC50          | 15 mg/L (96 h)   | Brachydanio rerio       | Fish       |
|  | EC50          | 10 mg/L (48 h)   | Daphnia magna           | Crustacean |
|  | EC50          | 120 mg/L (72 h)  | Scenedesmus subspicatus | Algae      |

**Chronic toxicity:**

| Identification   | Concentration |                | Species             | Genus      |
|--|---------------|----------------|---------------------|------------|
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts<br>CAS: 68891-38-3 | NOEC          | 0.2 mg/L       | Oncorhynchus mykiss | Fish       |
|  | NOEC          | 0.27 mg/L      | Daphnia magna       | Crustacean |
| tetrasodium ethylene diamine tetraacetate<br>CAS: 64-02-8  | NOEC          | 25.7 mg/L      | Danio rerio         | Fish       |
|  | NOEC          | 25 mg/L        | Daphnia magna       | Crustacean |
| Sulfonic acids, C14-17-sec-alkane, sodium salts<br>CAS: 97489-15-1                               | NOEC          | Non-applicable |                     |            |
|  | NOEC          | 0.36 mg/L      | Daphnia magna       | Crustacean |

**12.2 Persistence and degradability:**

| Identification   | Degradability |                | Biodegradability |           |
|--|---------------|----------------|------------------|-----------|
|  |               |                |                  |           |
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts<br>CAS: 68891-38-3 | BOD5          | Non-applicable | Concentration    | 10.5 mg/L |
|  | COD           | Non-applicable | Period           | 28 days   |
|  | BOD5/COD      | Non-applicable | % Biodegradable  | 100 %     |
| 2-(2-butoxyethoxy)ethanol<br>CAS: 112-34-5   | BOD5          | 0.25 g O2/g    | Concentration    | 100 mg/L  |
|  | COD           | 2.08 g O2/g    | Period           | 28 days   |
|  | BOD5/COD      | 0.12           | % Biodegradable  | 92 %      |
| Sulfonic acids, C14-17-sec-alkane, sodium salts<br>CAS: 97489-15-1                               | BOD5          | Non-applicable | Concentration    | 100 mg/L  |
|  | COD           | Non-applicable | Period           | 28 days   |
|  | BOD5/COD      | Non-applicable | % Biodegradable  | 78 %      |



**Active Foam concetratre**

Date of compilation: 2022-02-02 Version: 1

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

**12.3 Bioaccumulative potential:**

| Identification  | Bioaccumulation potential |      |
|---|---------------------------|------|
| tetrasodium ethylene diamine tetraacetate<br>CAS: 64-02-8 | BCF                       | 2    |
|   | Pow Log                   | -13  |
|   | Potential                 | Low  |
| 2-(2-butoxyethoxy)ethanol<br>CAS: 112-34-5                | BCF                       | 0.46 |
|   | Pow Log                   | 0.56 |
|   | Potential                 | Low  |

**12.4 Mobility in soil:**

| Identification  | Absorption/desorption |                      | Volatility |                               |
|---|-----------------------|----------------------|------------|-------------------------------|
| tetrasodium ethylene diamine tetraacetate<br>CAS: 64-02-8 | Koc                   | 1046                 | Henry      | 0E+0 Pa·m <sup>3</sup> /mol   |
|   | Conclusion            | Low                  | Dry soil   | No                            |
|   | Surface tension       | Non-applicable       | Moist soil | No                            |
| 2-(2-butoxyethoxy)ethanol<br>CAS: 112-34-5                | Koc                   | 48                   | Henry      | 7.2E-9 Pa·m <sup>3</sup> /mol |
|   | Conclusion            | Very High            | Dry soil   | No                            |
|   | Surface tension       | 3.395E-2 N/m (25 °C) | Moist soil | No                            |

**12.5 Results of PBT and vPvB assessment:**

Non-applicable

**12.6 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Disposal methods:**

**Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations. 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-dangerous residue. We do not recommended disposal down the drain. See epigraph 6.2.

**Regulations related to waste management:**

Legislation related to waste management:

Canadian Environmental Protection Act, 1999

**SECTION 14: TRANSPORT INFORMATION**

**Transport of dangerous goods by land:**

With regard to Transportation of Dangerous Goods Regulations including Amendment SOR/2017-100



- 14.1 UN number:** UN1760
- 14.2 United Nations proper shipping name:** CORROSIVE LIQUID, N.O.S. ([[phosphonomethyl]imino]bis[(ethylenitrilo)bis(methylene)])tetrakisphosphonic acid, sodium salt (2Na))
- 14.3 Transport hazard class(es):** 8  
Labels: 8
- 14.4 Packing group:** II
- 14.5 Environmental hazard:** No
- 14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Physico-Chemical properties: see section 9
- 14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

**Transport of dangerous goods by sea:**

With regard to IMDG 39-18:

**Active Foam concentrate**

Date of compilation: 2022-02-02

Version: 1

**SECTION 14: TRANSPORT INFORMATION (continued)**



- 14.1 UN number:** UN1760
- 14.2 United Nations proper shipping name:** CORROSIVE LIQUID, N.O.S. ([[phosphonomethyl]imino]bis[ethylenenitrilo]bis(methylene)]]tetrakisphosphonic acid, sodium salt (2Na))
- 14.3 Transport hazard class(es):** 8  
Labels: 8
- 14.4 Packing group:** II
- 14.5 Marine pollutant:** No
- 14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Special regulations: 274  
EmS Codes: F-A, S-B  
Physico-Chemical properties: see section 9  
Limited quantities: 1 L  
Segregation group: SGG18
- 14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2021:



- 14.1 UN number:** UN1760
- 14.2 United Nations proper shipping name:** CORROSIVE LIQUID, N.O.S. ([[phosphonomethyl]imino]bis[ethylenenitrilo]bis(methylene)]]tetrakisphosphonic acid, sodium salt (2Na))
- 14.3 Transport hazard class(es):** 8  
Labels: 8
- 14.4 Packing group:** II
- 14.5 Environmental hazard:** No
- 14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Physico-Chemical properties: see section 9
- 14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations specific for the product in question:**

Domestic Substances List (DSL): Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts ; tetrasodium ethylene diamine tetraacetate ; 2-(2-butoxyethoxy)ethanol  
Non-Domestic Substances List (NDSL): Non-applicable

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

**Other legislation:**

Canadian Environmental Protection Act, 1999

**SECTION 16: OTHER INFORMATION**

**Legislation related to safety data sheets:**

This safety data sheet has been designed in accordance with Part 4 and Schedule I of the Hazardous Products Regulations (SOR/2015-17)

**Texts of the legislative phrases mentioned in section 2:**

**Active Foam concentrate**

Date of compilation: 2022-02-02

Version: 1

**SECTION 16: OTHER INFORMATION (continued)**

H318: Causes serious eye damage.

H314: Causes severe skin burns and eye damage.

**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

**WHMIS 2015:**

Acute Tox. 4: H302 - Harmful if swallowed.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Skin Irrit. 2: H315 - Causes skin irritation.

**Advice related to training:**

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

**Principal bibliographical sources:**

<http://whmis.org/>

**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: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

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The information contained in this safety data sheet is based on sources, technical knowledge and current legislation, 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