

Foodmax Grease CAS S 2 HS

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

- 1.1 Product identifier:**
Foodmax Grease CAS S 2 HS
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses: Lubricant (grease)
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:**
Matrix Specialty Lubricants BV
Impact 2
6921RZ Duiven - Netherlands
Phone.: +31 316 740850 - Fax: +31 316 740854
info@matrix-lubricants.com
www.matrix-lubricants.com
- 1.4 Emergency telephone number:** +31316740850

SECTION 2: HAZARDS IDENTIFICATION **

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) No 1272/2008:
The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.
- 2.2 Label elements:**
CLP Regulation (EC) No 1272/2008:
Hazard statements:
Non-applicable
Precautionary statements:
Non-applicable
Supplementary information:
EUH208: Contains Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts. May produce an allergic reaction
EUH210: Safety data sheet available on request
- 2.3 Other hazards:**
Product fails to meet PBT/vPvB criteria

** Changes with regards to the previous version

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS **

- 3.1 Substance:**
Non-applicable
- 3.2 Mixture:**
Chemical description: Miscellaneous products
Components:
In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification | Chemical name/Classification | Concentration |
|---|--|---------------------|
| CAS: 68584-23-6 EC: 271-529-4 Index: Non-applicable REACH: 01-2119492627-25-XXXX | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts <input type="checkbox"/> ¹ <input type="checkbox"/> Self-classified Regulation 1272/2008 Eye Irrit. 2: H319 - Warning | 1 - <10 % |
| CAS: 61789-86-4 EC: 263-093-9 Index: Non-applicable REACH: 01-2119488992-18-XXXX | Sulfonic acids, petroleum, calcium salts <input type="checkbox"/> ¹ <input type="checkbox"/> Self-classified Regulation 1272/2008 Eye Irrit. 2: H319 - Warning | 1 - <10 % |

¹ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830

** Changes with regards to the previous version

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

| Identification | Chemical name/Classification | Concentration |
|---|--|----------------------|
| CAS: 70024-69-0 EC: 274-263-7 Index: Non-applicable REACH: 01-2119492616-28-XXXX | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts <input type="checkbox"/> ¹ <input type="checkbox"/> Self-classified Regulation 1272/2008 Skin Sens. 1B: H317 - Warning | 1 - <10 % |
| CAS: 26264-06-2 EC: 247-557-8 Index: Non-applicable REACH: 01-2120122335-68-XXXX | Calcium dodecylbenzenesulphonate <input type="checkbox"/> ¹ <input type="checkbox"/> Self-classified Regulation 1272/2008 Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger | 1 - <3 % |
| CAS: 68411-46-1 EC: 270-128-1 Index: Non-applicable REACH: 01-2119491299-23-XXXX | Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene <input type="checkbox"/> ¹ <input type="checkbox"/> Not classified Regulation 1272/2008 | 1 - <2.5 % |

¹ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830

To obtain more information on the hazards of the substances consult sections 8, 11, 12, 15 and 16.

Other information:

| Identification | Specific concentration limit |
|--|------------------------------------|
| Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts CAS: 70024-69-0 EC: 274-263-7 | % (w/w) >=10: Skin Sens. 1B - H317 |

** Changes with regards to the previous version

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:

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 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. IT IS NOT RECOMMENDED to use tap water as an extinguishing agent.

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.

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SECTION 5: FIREFIGHTING MEASURES (continued)

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,...) in accordance with Directive 89/654/EC.

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:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.2 Environmental precautions:

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

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

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

Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

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

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

Store in a cool, dry, well-ventilated location

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 work environment (EH40/2005 Workplace exposure limits):

Nuisance dust: Inhalable dust 10 mg/m³ // Respirable dust 4 mg/m³

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

DNEL (Workers):

| Identification | | Short exposure | | Long exposure | |
|---|------------|----------------|----------------|------------------------|----------------|
| | | Systemic | Local | Systemic | Local |
| Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts CAS: 68584-23-6 EC: 271-529-4 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 3.33 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 0.66 mg/m ³ | Non-applicable |
| Sulfonic acids, petroleum, calcium salts CAS: 61789-86-4 EC: 263-093-9 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | 0.4 mg/kg | 3.33 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 0.66 mg/m ³ | Non-applicable |
| Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts CAS: 70024-69-0 EC: 274-263-7 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 3.33 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 0.66 mg/m ³ | Non-applicable |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene CAS: 68411-46-1 EC: 270-128-1 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 0.62 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 4.37 mg/m ³ | Non-applicable |

DNEL (General population):

| Identification | | Short exposure | | Long exposure | |
|---|------------|----------------|----------------|------------------------|----------------|
| | | Systemic | Local | Systemic | Local |
| Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts CAS: 68584-23-6 EC: 271-529-4 | Oral | Non-applicable | Non-applicable | 0.8333 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 1.667 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 0.33 mg/m ³ | Non-applicable |
| Sulfonic acids, petroleum, calcium salts CAS: 61789-86-4 EC: 263-093-9 | Oral | Non-applicable | Non-applicable | 0.8333 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 1.667 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 0.33 mg/m ³ | Non-applicable |
| Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts CAS: 70024-69-0 EC: 274-263-7 | Oral | Non-applicable | Non-applicable | 0.8333 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 1.667 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 0.33 mg/m ³ | Non-applicable |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene CAS: 68411-46-1 EC: 270-128-1 | Oral | Non-applicable | Non-applicable | 0.31 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 0.31 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 1.09 mg/m ³ | Non-applicable |

PNEC:

| Identification | | | | |
|---|--------------|-----------------|-------------------------|-----------------|
| Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts CAS: 68584-23-6 EC: 271-529-4 | STP | 100 mg/L | Fresh water | 1 mg/L |
| | Soil | 868700000 mg/kg | Marine water | 1 mg/L |
| | Intermittent | 10 mg/L | Sediment (Fresh water) | 723500000 mg/kg |
| | Oral | 16.667 g/kg | Sediment (Marine water) | 723500000 mg/kg |
| Sulfonic acids, petroleum, calcium salts CAS: 61789-86-4 EC: 263-093-9 | STP | 100 mg/L | Fresh water | 1 mg/L |
| | Soil | 868700000 mg/kg | Marine water | 1 mg/L |
| | Intermittent | 10 mg/L | Sediment (Fresh water) | 723500000 mg/kg |
| | Oral | 16.667 g/kg | Sediment (Marine water) | 723500000 mg/kg |
| Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts CAS: 70024-69-0 EC: 274-263-7 | STP | 100 mg/L | Fresh water | 1 mg/L |
| | Soil | 868700000 mg/kg | Marine water | 1 mg/L |
| | Intermittent | 10 mg/L | Sediment (Fresh water) | 723500000 mg/kg |
| | Oral | 16.667 g/kg | Sediment (Marine water) | 723500000 mg/kg |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene CAS: 68411-46-1 EC: 270-128-1 | STP | 1 mg/L | Fresh water | 0.051 mg/L |
| | Soil | 1860 mg/kg | Marine water | 0.0051 mg/L |
| | Intermittent | 0.51 mg/L | Sediment (Fresh water) | 9320 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 932 mg/kg |

8.2 Exposure controls:

A.- General security and hygiene measures in the work place

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)



As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. 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



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



| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|---------------------------------------|---|--------------|---|
|  Mandatory hand protection | Protective gloves against minor risks |  | | Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420 and EN 374. |

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



D.- Ocular and facial protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|---|---|--|---------------------------------|---|
|  Mandatory face protection | Panoramic glasses against splash/projections. |  | EN 166:2001 EN ISO 4007:2012 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Body protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|-----------|----------------------|---|-------------------|---|
| | 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 6529:2001, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |
| | Anti-slip work shoes |  | EN ISO 20347:2012 | 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 20345 y EN 13832-1 |

F.- Additional emergency measures

| Emergency measure | Standards | Emergency measure | Standards |
|---|--------------------------------|--|-------------------------------|
|  Emergency shower | ANSI Z358-1 ISO 3864-1:2002 |  Eyewash stations | DIN 12 899 ISO 3864-1:2002 |

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:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C: Solid
Appearance: Paste
Colour: Beige

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

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

| | |
|--|------------------------------|
| Odour: | Aromatic |
| Odour threshold: | Non-applicable * |
| Volatility: | |
| Boiling point at atmospheric pressure: | Non-applicable * |
| Vapour pressure at 20 °C: | Non-applicable * |
| Vapour pressure at 50 °C: | <300000 Pa (300 kPa) |
| Evaporation rate at 20 °C: | Non-applicable * |
| Product description: | |
| Density at 20 °C: | 950 - 1050 kg/m ³ |
| Relative density at 20 °C: | Non-applicable * |
| Dynamic viscosity at 20 °C: | Non-applicable * |
| Kinematic viscosity at 20 °C: | Non-applicable * |
| Kinematic viscosity at 40 °C: | >20.5 cSt |
| Concentration: | Non-applicable * |
| pH: | Non-applicable * |
| 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: | Insoluble |
| Decomposition temperature: | Non-applicable * |
| Melting point/freezing point: | Non-applicable * |
| Explosive properties: | Non-applicable * |
| Oxidising properties: | Non-applicable * |
| Flammability: | |
| Flash Point: | >180 °C |
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature: | Non-applicable * |
| Lower flammability limit: | Non-applicable * |
| Upper flammability limit: | Non-applicable * |
| Explosive: | |
| Lower explosive limit: | Non-applicable * |
| Upper explosive limit: | Non-applicable * |
| 9.2 Other information: | |
| 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:

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:

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SECTION 10: STABILITY AND REACTIVITY (continued)

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 | Combustive materials | Combustible materials | Others |
|--------------------|----------------|----------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Not applicable | Not applicable | Avoid alkalis or strong bases |

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 (CO₂), 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

Dangerous health implications:

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

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. 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 dangerous for this effect. For more information see section 3.

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: 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.

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 dangerous 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 dangerous 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 dangerous 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 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:

- 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. However, it contains substances classified as dangerous with sensitising effects. 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.

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

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 |
|---|----------------|----------------|--------|
| | LD50 oral | LD50 dermal | |
| Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts CAS: 70024-69-0 EC: 274-263-7 | 16000 mg/kg | 5500 mg/kg | Rat |
| | Non-applicable | Non-applicable | Rabbit |
| | Non-applicable | Non-applicable | |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene CAS: 68411-46-1 EC: 270-128-1 | 5500 mg/kg | 5500 mg/kg | Rat |
| | Non-applicable | Non-applicable | |
| | Non-applicable | Non-applicable | |

SECTION 12: ECOLOGICAL INFORMATION

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

12.1 Toxicity:

Not available

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

| Code | Description | Waste class (Regulation (EU) No 1357/2014) |
|----------|--|--|
| 16 05 09 | discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 | Non dangerous |

Type of waste (Regulation (EU) No 1357/2014):

Non-applicable

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC, The Waste Regulations 2011, 2011 No. 988). As under 15 01 (2014/955/EU) 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-dangerous residue. We do not recommend disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

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SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

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

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 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 Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG 2009), SI 2009 No 1348

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) Regulations 2011, 2011 No. 1885

Control of Substances Hazardous to Health Regulations 2002 (as amended)

EH40/2005 Workplace exposure limits

The Waste Regulations 2011, 2011 No. 988

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION **

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Pictograms
- Hazard statements
- Precautionary statements
- Supplementary information

Content of the 3rd section presenting modifications (SECTION 3):

- Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1): Hazard statements
- Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0): Hazard statements

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

CLP Regulation (EC) No 1272/2008:

Eye Dam. 1: H318 - Causes serious eye damage

Eye Irrit. 2: H319 - Causes serious eye irritation

Skin Irrit. 2: H315 - Causes skin irritation

Skin Sens. 1B: H317 - May cause an allergic skin reaction

Advice related to training:

Minimal 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:

** Changes with regards to the previous version

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SECTION 16: OTHER INFORMATION ** (continued)

<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: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol–water partition coefficient
Koc: Partition coefficient of organic carbon

*** Changes with regards to the previous version*

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, 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 -