

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 23.02.2021

Revision: 23.02.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: Super Hi-Foam TFR**
- **Article number: 091**
- **UFI: FT70-X0G0-300M-KE8C**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
 SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Application of the substance / the mixture** Alkaline cleaner/ detergent
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 Concept Chemicals & Coatings Ltd.
 Felt Court, Windmill Lane Ind.Estate
 Denton, Manchester M34 3RB England
 Tel 00 44 (0)161 335 0213
 Fax 00 44 (0)161 335 0214
- **Further information obtainable from:**
 Concept Chemicals & Coatings
 Ltd. Felt Court, Windmill Lane Ind.Estate Denton,
 Manchester M34 3RB England
 Tel 00 44 (0)161 335 0213
 Fax 00 44 (0)161 335 0214
 cheryl@conceptchemicals.com
- **1.4 Emergency telephone number:**
 During working hours GMT 09.00 - 17.00
 Tel: 0044 (0)161 335 0213
 Fax: 0044 (0)161 335 0214

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



corrosion

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

Eye Dam. 1 H318 Causes serious eye damage.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
 The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms** GHS05
- **Signal word** Danger
- **Hazard-determining components of labelling:**
 Alcohols, C12-14, Ethoxylated, Sulfates, Sodium Salts
 Sodium Hydroxide
- **Hazard statements**
 H314 Causes severe skin burns and eye damage.

(Contd. on page 2)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.02.2021

Revision: 23.02.2021

Trade name: Super Hi-Foam TFR

(Contd. of page 1)

Precautionary statements

- P260 Do not breathe dusts or mists.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.
 P310 Immediately call a POISON CENTER/doctor.
 P321 Specific treatment (see on this label).
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards
Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

- **Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 68439-57-6 EINECS: 270-407-8 Reg.nr.: 01-2119513401-57-0000	Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts ⚠ Skin Irrit. 2, H315	0-2.5%
CAS: 5064-31-3 EINECS: 225-768-6 Reg.nr.: 01-2119519239-36-0000	trisodium nitrilotriacetate ☠ Carc. 2, H351 ⚠ Met. Corr. 1, H290 ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	0-2.5%
CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16-0000	Alcohols, C12-14, Ethoxylated, Sulfates, Sodium Salts ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315	0-2.5%
CAS: 1310-73-2 EINECS: 215-185-5 Reg.nr.: 01-2119457892-27-0158	Sodium Hydroxide ⚠ Acute Tox. 3, H311 ⚠ Skin Corr. 1A, H314 ⚠ Acute Tox. 4, H302	0-2.5%

Ingredients according to detergents regulation 648/2004/EC

anionic surfactants, NTA (nitrilotriacetic acid) and salts thereof, non-ionic surfactants

<5%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- **After inhalation** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact**
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

(Contd. on page 3)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.02.2021

Revision: 23.02.2021

Trade name: Super Hi-Foam TFR

(Contd. of page 2)

- **After swallowing** Rinse out mouth and then drink plenty of water.
- **4.2 Most important symptoms and effects, both acute and delayed**
Gastric or intestinal disorders.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers /surface or ground water drains.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Risk of serious damage to eyes.
Prevent formation of vapours
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.

(Contd. on page 4)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.02.2021

Revision: 23.02.2021

Trade name: Super Hi-Foam TFR

(Contd. of page 3)

· Ingredients with limit values that require monitoring at the workplace:
1310-73-2 Sodium Hydroxide

WEL	Short-term value: 2 mg/m ³
-----	---------------------------------------

· Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls
· Personal protective equipment
· General protective and hygienic measures

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale dust / smoke / mist.

Avoid contact with the eyes and skin.

· Respiratory protection: Not necessary if room is well-ventilated.

· Protection of hands: Rubber gloves

· Material of gloves

Nitrile rubber, NBR

Natural rubber, NR

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:

Safety glasses

Goggles recommended during refilling.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties
· General Information
· Appearance:

Form:	Fluid
--------------	-------

Colour:	Transparent
----------------	-------------

· Odour:	Characteristic
-----------------	----------------

· Odour threshold:	Not determined.
---------------------------	-----------------

· pH-value at 20 °C:	12.8
-----------------------------	------

· Change in condition

Melting point/freezing point:	undetermined
--------------------------------------	--------------

Initial boiling point and boiling range:	100 °C
---	--------

· Flash point:	Not applicable
-----------------------	----------------

· Flammability (solid, gaseous)	Not applicable.
--	-----------------

· Decomposition temperature:	Not determined.
-------------------------------------	-----------------

· Auto-ignition temperature:	Product is not selfigniting.
-------------------------------------	------------------------------

· Explosive properties:	Product does not present an explosion hazard.
--------------------------------	---

· Explosion limits:

Lower:	Not determined.
---------------	-----------------

Upper:	Not determined.
---------------	-----------------

(Contd. on page 5)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.02.2021

Revision: 23.02.2021

Trade name: Super Hi-Foam TFR

(Contd. of page 4)

· Vapour pressure at 20 °C:	23 hPa
------------------------------------	--------

· Density at 20 °C:	1.047 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.

· Solubility in / Miscibility with Water:	Fully miscible
--	----------------

· Partition coefficient: n-octanol/water:	Not determined.
--	-----------------

· Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.

· 9.2 Other information	No further relevant information available.
--------------------------------	--

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes severe skin burns and eye damage.
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

GB

(Contd. on page 6)

**Safety data sheet
according to 1907/2006/EC, Article 31**

Printing date 23.02.2021

Revision: 23.02.2021

Trade name: Super Hi-Foam TFR

(Contd. of page 5)

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
 Re: Biodegradability of Surface Active Agents: All non-ionics are classified as 100% biodegradeable; cationics are greater than 90% biodegradeable and comply with EC Directive 73/404.
 Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
 Do not allow product to reach ground water or water course.
 Danger to drinking water if even small quantities leak into the ground.
 Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Do not allow product to reach ground water or water course.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- | | |
|--|--|
| <ul style="list-style-type: none"> · 14.1 UN-Number · ADR, IMDG, IATA | <p>UN2735</p> |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR · IMDG, IATA | <p>2735 AMINES, LIQUID, CORROSIVE, N.O.S. (SODIUM HYDROXIDE, trisodium nitrilotriacetate)
 AMINES, LIQUID, CORROSIVE, N.O.S. (SODIUM HYDROXIDE, trisodium nitrilotriacetate)</p> |

(Contd. on page 7)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 23.02.2021

Revision: 23.02.2021

Trade name: Super Hi-Foam TFR

(Contd. of page 6)

14.3 Transport hazard class(es)
ADR, IMDG, IATA


· **Class** 8 Corrosive substances.
 · **Label** 8

14.4 Packing group
ADR, IMDG, IATA II

14.5 Environmental hazards:
Marine pollutant: No

14.6 Special precautions for user

Warning: Corrosive substances.
 · **Hazard identification number (Kemler code):** 80
 · **EMS Number:** F-A, S-B
 · **Segregation groups** Alkalis
 · **Stowage Category** A
 · **Segregation Code** SG35 Stow "separated from" SGG1-acids

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Transport/Additional information:
ADR

· **Limited quantities (LQ)** 1L
 · **Excepted quantities (EQ)** Code: E2
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 500 ml
 · **Transport category** 2
 · **Tunnel restriction code** E

IMDG

· **Limited quantities (LQ)** 1L
 · **Excepted quantities (EQ)** Code: E2
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 500 ml

UN "Model Regulation":

UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (SODIUM HYDROXIDE, TRISODIUM NITRILOTRIACETATE), 8, II

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**
 The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms GHS05**
- **Signal word Danger**

(Contd. on page 8)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.02.2021

Revision: 23.02.2021

Trade name: Super Hi-Foam TFR

(Contd. of page 7)

- **Hazard-determining components of labelling:**
Alcohols, C12-14, Ethoxylated, Sulfates, Sodium Salts
Sodium Hydroxide
- **Hazard statements**
H314 Causes severe skin burns and eye damage.
- **Precautionary statements**
 - P260 Do not breathe dusts or mists.
 - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.
 - P310 Immediately call a POISON CENTER/doctor.
 - P321 Specific treatment (see on this label).
 - P405 Store locked up.
 - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **National regulations**
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
 - H290 May be corrosive to metals.
 - H302 Harmful if swallowed.
 - H311 Toxic in contact with skin.
 - H314 Causes severe skin burns and eye damage.
 - H315 Causes skin irritation.
 - H318 Causes serious eye damage.
 - H319 Causes serious eye irritation.
 - H351 Suspected of causing cancer.
- **Department issuing SDS:** Technical Department.
- **Contact:** Mr N Wardlaw
- **Abbreviations and acronyms:**
 - ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - IATA: International Air Transport Association
 - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative
 - Met. Corr. 1: Corrosive to metals – Category 1
 - Acute Tox. 4: Acute toxicity – Category 4
 - Acute Tox. 3: Acute toxicity – Category 3
 - Skin Corr. 1A: Skin corrosion/irritation – Category 1A
 - Skin Irrit. 2: Skin corrosion/irritation – Category 2
 - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 - Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 - Carc. 2: Carcinogenicity – Category 2