SAFETY DATA SHEET of:

SUPER FOAM

Revision date: Wednesday, January 27, 2016

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

1.1 Product identifier:

SUPER FOAM

1.2 Relevant identified uses of the substance or mixture and uses advised against:

/

Concentration in use: /

1.3 Details of the supplier of the safety data sheet:

SGI Industries LTD

Suite 1, Franklyn House,Daux Road,Billingshurst

RH14 9SJ WEST SUSSEX

Phone: +4408452601990 — Fax: +4408452601995

E-mail: info@sgiindustries.com — Website: http://www.sgiindustries.com/

1.4 Emergency telephone number:

08454647

2 SECTION 2: Hazards identification:

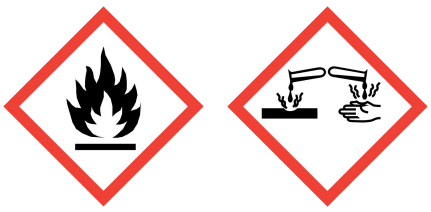
2.1 Classification of the substance or mixture:

Classification of the substance or mixture in accordance with regulation (EU) 1272/2008:

H222 Flam. Aerosol 1 H229 H315 Skin Irrit. 2 H318 Eye Dam. 1

2.2 Label elements:

Pictograms:



Signal word:

Danger

Hazard statements:

H222 Flam. Aerosol 1:	Extremely flammable aerosol.
H229:	Pressurised container: May burst if heated.
H315 Skin Irrit. 2:	Causes skin irritation.
H318 Eye Dam. 1:	Causes serious eye damage.

Precautionary statements:

P210:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251:	Do not pierce or burn, even after use.
P280:	Wear protective gloves, protective clothing, eye protection, face protection.
P305+P351+P338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364:	Take off contaminated clothing and wash it before reuse.
P410+P412:	Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.

Contains:

tetrasodium ethylenediaminetetraacetate Sodium Laureth Sulfate

2.3 Other hazards:

none

3 SECTION 3: Composition/information on ingredients:

Benzyl alcohol	5% - 15%	CAS number: EINECS: REACH Registration number: CLP Classification:	100-51-6 202-859-9 01-2119492630-38 **H302 Acute tox. 4** **H319 Eye Irrit. 2** **H332 Acute tox. 4**
n-Butane (<0,01% Butadiene -1,3)	5% - 15%	CAS number: EINECS: REACH Registration number: CLP Classification:	106-97-8 203-448-7 Annex V **H220 Flam. Gas 1**
Propane	5% - 15%	CAS number: EINECS: REACH Registration number: CLP Classification:	74-98-6 200-827-9 Annex V **H220 Flam. Gas 1**
Ethanol	< 5%	CAS number: EINECS: REACH Registration number: CLP Classification:	64-17-5 200-578-6 01-2119457610-43 **H225 Flam. Liq. 2** **H319 Eye Irrit. 2**
tetrasodium ethylenediaminetetraacetate	< 5%	CAS number: EINECS: REACH Registration number: CLP Classification:	64-02-8 200-573-9 01-2119486762-27 **H302 Acute tox. 4** **H318 Eye Dam. 1** **H332 Acute tox. 4**

3-Butoxypropane-2-ol	< 5%	CAS number: EINECS: REACH Registration number: CLP Classification:	5131-66-8 225-878-4 01-2119475527-28 **H226 Flam. Liq. 3** **H315 Skin Irrit. 2** **H319 Eye Irrit. 2**
Ethanolamine	< 5%	CAS number: EINECS: REACH Registration number: CLP Classification:	141-43-5 205-483-3 01-2119486455-28 **H302 Acute tox. 4** **H312 Acute tox. 4** **H314 Skin Corr. 1B** **H332 Acute tox. 4** **H335 STOT SE 3** **H412 Aquatic Chronic 3**

For the full text of the H & R phrases mentioned in this section, see section 16.

4 SECTION 4: First aid measures:

4.1 Description of first aid measures:

Always ask medical advice as soon as possible should serious or continuous disturbances occur.

Skin contact: remove contaminated clothing, rinse skin with plenty of water and immediately transport to hospital.

Eye contact: first prolonged rinsing with water (contact lenses to be removed if this is easily done) then take to physician.

Ingestion: rinse mouth, do not induce vomiting, take to hospital immediately.

Inhalation: let sit upright, fresh air, rest and take to hospital.

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

Skin contact: caustic, redness, pain, serious burns

Eye contact: caustic, redness, bad looking, pain

Ingestion: caustic, lack of breath, vomiting, blisters on lips and tongue, burning pain in mouth and throat, gullet and stomach

Inhalation: headache, dizziness, nausea, drowsiness, unconsciousness

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

none

5 SECTION 5: Fire-fighting measures:

5.1 Extinguishing media:

CO2, foam, powder, sprayed water

5.2 Special hazards arising from the substance or mixture:

none

5.3 Advice for firefighters:

Extinguishing agents to be avoided: none

6 SECTION 6: Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures:

Do not walk into or touch spilled substances and avoid inhalation of fumes, smoke, dusts and vapours by staying up windRemove any contaminated clothing and used contaminated protective equipment and dispose of it safely.

6.2 Environmental precautions:

do not allow to flow into sewers or open water.

6.3 Methods and material for containment and cleaning up:

remove by using absorbent material.

6.4 Reference to other sections:

for further information check sections 8 & 13.

7 SECTION 7: Handling and storage:

7.1 Precautions for safe handling:

handle with care to avoid spillage.

7.2 Conditions for safe storage, including any incompatibilities:

keep in a sealed container in a closed, frost-free, ventilated room.

7.3 Specific end use(s):

/

8 SECTION 8: Exposure controls/personal protection:

8.1 Control parameters:

Listing of the hazardous ingredients in section 3, of which the TLV value is known

n-Butane (<0,01% Butadiene -1,3) 1,928 mg/m³, Ethanol 1,907 mg/m³, Propane 1,800 mg/m³, Ethanolamine 2.5 mg/m³

8.2 Exposure controls:

Inhalation protection:	use with sufficient exhaust ventilation. If necessary, use an air-purifying face mask in case of respiratory hazards. Use the ABEK type as protection against these troublesome levels.	
Skin protection:	handling with nitril-gloves (EN 374). Breakthrough time: >480' Material thickness: 0,35 mm. Thoroughly check gloves before use. Take of the gloves properly without touching the outside with your bare hands. The manufacturer of the protective gloves has to be consulted about the suitability for a specific work station. Wash and dry your hands.	
Eye protection:	keep an eye-rinse bottle within reach. Tight-fitting safety goggles. Wear a face shield and protective suit in case of exceptional processing problems.	

Other protection:	impermeable clothing. The type of protective equipment depends on the concentration and amount of hazardous substances at the work station in question.	

9 SECTION 9: Physical and chemical properties:

9.1 Information on basic physical and chemical properties:

Melting point/melting range:	/
Boiling point/Boiling range:	-42 °C — 173 °C
pH:	/
pH 1% diluted in water:	/
Vapour pressure/20°C,:	/
Vapour density:	not applicable
Relative density, 20°C:	/
Appearance/20°C:	liquid
Flash point:	/
Flammability (solid, gas):	not applicable
Auto-ignition temperature:	/
Upper flammability or explosive limit, (Vol %):	/
Lower flammability or explosive limit, (Vol %):	/
Explosive properties:	not applicable
Oxidising properties:	not applicable
Decomposition temperature:	/
Solubility in water:	not soluble
Partition coefficient: n-octanol/water:	not applicable
Odour:	characteristic
Odour threshold:	not applicable
Dynamic viscosity, 20°C:	/
Kinematic viscosity, 20°C:	/
Evaporation rate (n-BuAc = 1):	2.000

9.2 Other information:

Volatile organic component (VOC):	35.07 %
Volatile organic component (VOC):	/

10 SECTION 10: Stability and reactivity:

10.1 Reactivity:

stable under normal conditions.

10.2 Chemical stability:

extremely high or low temperatures.

10.3 Possibility of hazardous reactions:

none

10.4 Conditions to avoid:

protect from sunlight and do not expose to temperatures exceeding + 50°C.

10.5 Incompatible materials:

keep away from sources of ignition

10.6 Hazardous decomposition products:

doesn't decompose with normal use

11 SECTION 11: Toxicological information:

11.1 Information on toxicological effects:

H315 Skin Irrit. 2: Causes skin irritation.

H318 Eye Dam. 1: Causes serious eye damage.

Calculated acute toxicity, ATE oral: /

Calculated acute toxicity, ATE dermal: /

Benzyl alcohol	LD50 oral, rat:	500 mg/kg
	LD50 dermal, rabbit:	1,100 mg/kg
	LC50, Inhalation, rat, 4h:	11 mg/l
n-Butane (<0,01% Butadiene -1,3)	LD50 oral, rat:	≥ 5,000 mg/kg
	LD50 dermal, rabbit:	≥ 5,000 mg/kg
	LC50, Inhalation, rat, 4h:	≥ 50 mg/l
Propane	LD50 oral, rat:	≥ 5,000 mg/kg
	LD50 dermal, rabbit:	≥ 5,000 mg/kg
	LC50, Inhalation, rat, 4h:	≥ 50 mg/l
Ethanol	LD50 oral, rat:	≥ 5,000 mg/kg
	LD50 dermal, rabbit:	≥ 5,000 mg/kg
	LC50, Inhalation, rat, 4h:	≥ 50 mg/l
tetrasodium ethylenediaminetetraacetate	LD50 oral, rat:	500 mg/kg
	LD50 dermal, rabbit:	≥ 5,000 mg/kg
	LC50, Inhalation, rat, 4h:	10 mg/l
3-Butoxypropane-2-ol	LD50 oral, rat:	3,300 mg/kg
	LD50 dermal, rabbit:	≥ 5,000 mg/kg
	LC50, Inhalation, rat, 4h:	≥ 50 mg/l
Ethanolamine	LD50 oral, rat:	1,089 mg/kg
	LD50 dermal, rabbit:	2,504 mg/kg
	LC50, Inhalation, rat, 4h:	11 mg/l

12 SECTION 12: Ecological information:

12.1 Toxicity:

Benzyl alcohol	LC50 (Fish):	460 mg/L (72h)
	EC50 (Daphnia):	230 mg/L (48h)
	NOEC (Daphnia):	310 mg/L (72h)
	EC50 (Algae):	770 mg/L (72h)
Ethanol	LC50 (Fish):	13000 mg/L (Oncorhynchus mykiss)(96h)
	EC50 (Daphnia):	12340 mg/L (48h)
	EC50 (Algae):	275 mg/L (Chlorella vulgaris)(72h)
tetrasodium ethylenediaminetetraacetate	LC50 (Fish):	121 mg/L (96h)
	EC50 (Daphnia):	625 mg/L (24h)
3-Butoxypropane-2-ol	LC50 (Fish):	> 560 - 1000 mg/L (96h)
	NOEC (Fish):	180 mg/L (96h)
	NOEC (Daphnia):	560 mg/L (48h)
	EC50 (Algae):	> 1000 mg/L (96h)
	NOEC (Algae):	560 mg/L (96h)
	EC50 (soil microorganisms):	> 1000 mg/L (3h)
Ethanolamine	LC50 (Fish):	349 mg/L (Cyprinus carpio) (4d)
	NOEC (Fish):	1,24 mg/L (Oryzias latipes) (41d)
	EC50 (Daphnia):	65 mg/L (48h)
	NOEC (Daphnia):	850 µg/L (21d)
	EC50 (Algae):	2.1 - 2.8 mg/L (72h)
	NOEC (Algae):	1 mg/L (72h)

12.2 Persistence and degradability:

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bioaccumulative potential:

	Additional data:
n-Butane (<0,01% Butadiene -1,3)	log Pow: 2,890
Ethanol	Log Pow: -0,35
Ethanolamine	Log Pow: -2,3 - -1,31

12.4 Mobility in soil:

Water hazard class, WGK: 1

Solubility in water: not soluble

12.5 Results of PBT and vPvB assessment:

No additional data available

12.6 Other adverse effects:

No additional data available

13 SECTION 13: Disposal considerations:

13.1 Waste treatment methods:

Draining into the sewers is not permitted. Removal should be carried out by licensed services. Possible restrictive regulations by local authority should always be adhered to.

14 SECTION 14: Transport information:

14.1 UN number:

1950

14.2 UN proper shipping name:

UN 1950 Aerosols, flammable, 5F, (D)

14.3 Transport hazard class(es):

Class(es):	5F
Identification number of the hazard:	not applicable

14.4 Packing group:

not applicable

14.5 Environmental hazards:

not dangerous to the environment

14.6 Special precautions for user:

Hazard characteristics:	Risk of fire. Risk of explosion. Containments may explode when heated.
Additional guidance:	Take cover. Keep out of low areas.

15 SECTION 15: Regulatory information:

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

Water hazard class, WGK:	1
Volatile organic component (VOC):	35.069 %
Volatile organic component (VOC):	/
Composition by regulation (EC) 648/2004:	Aliphatic hydrocarbons 15% - 30%, EDTA and salts thereof < 5%, Anionic surfactants < 5%

15.2 Chemical Safety Assessment:

No data available

16 SECTION 16: Other information:

Legend to abbreviations used in the safety data sheet:

ADR:	The European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF:	Bioconcentration factor
CAS:	Chemical Abstracts Service
CLP:	Classification, Labelling and Packaging of chemicals
EINECS:	European INventory of Existing Commercial chemical Substances
Nr.:	number
PTB:	persistent, toxic, bioaccumulative
TLV:	Threshold Limit Value
vPvB:	very persistent and very bioaccumulative substances
WGK:	Water hazard class
WGK 1:	slightly hazardous for water
WGK 2:	hazardous for water
WGK 3:	extremely hazardous for water

Legend to the R & H Phrases used in the safety data sheet:

H220 Flam. Gas 1: Extremely flammable gas. **H222 Flam. Aerosol 1:** Extremely flammable aerosol. **H225 Flam. Liq. 2:** Highly flammable liquid and vapour. **H226 Flam. Liq. 3:** Flammable liquid and vapour. **H229:** Pressurised container: May burst if heated. **H302 Acute tox. 4:** Harmful if swallowed. **H312 Acute tox. 4:** Harmful in contact with skin. **H314 Skin Corr. 1B:** Causes severe skin burns and eye damage. **H315 Skin Irrit. 2:** Causes skin irritation. **H318 Eye Dam. 1:** Causes serious eye damage. **H319 Eye Irrit. 2:** Causes serious eye irritation. **H332 Acute tox. 4:** Harmful if inhaled. **H335 STOT SE 3:** May cause respiratory irritation. **H412 Aquatic Chronic 3:** Harmful to aquatic life with long lasting effects.

Reason of revision, changes of following items:

Section: 9.1

MSDS reference number:

ECM-107078,00

This safety information sheet has been compiled in accordance with annex II/A of the regulation (EU) No 2015/830. Classification has been calculated in accordance with European regulation 1272/2008 with their respective amendments. It has been compiled with the utmost care. We cannot, however, accept responsibility for damage, of any kind, that may be caused by using these data or the product concerned. To use this preparation for an experiment or a new application , the user must carry out a material suitability and safety study himself.