



1. útgáfa 25.03.2025

Öryggisblað (SDS)

Samkvæmt reglugerð Nr. 888/2015 (EB reglugerð 1907/2006 REACH)

1. Auðkenning efnisins eða blöndunnar og félagsins eða fyrirtækisins

1.1 Vörukenni:	Swanline Lava Foam		
Umbúðastærðir:	10-20-200 L		
1.2 Viðeigandi og tilgreind notkun efnis eða blöndu og notkun sem ráðið er frá:			
Viðeigandi notkun	Hreinsifroða fyrir bíla.		
Notkun sem ráðið er frá	Engar upplýsingar fyrirleggjandi.		
1.3 Söluaðili:	N1	Framleiðandi:	Tammermatic Oy
	Dalvegur 10-14		Vaaksakuja 1
	201 Kópavogur		33960 Pirkkala, Finnland
Sími:	440 1000		00-358-20 1373 400
Netfang:	n1@n1.is		service@tammermatic.com
Veffang:	www.n1.is		www.tammermatic.com
1.4 Neyðarsímanúmer:	Eitrunarmiðstöð LSH veitir upplýsingar allan sólarhringinn um viðbrögð við slysum með hættuleg efni. Sími 543 2222. Neyðarlínan, lögregla, slökkvilið, sjúkraf lutningar; sími 112.		

2. Hættugreining

2.1 Flokkun efnisins eða blöndunnar:			
Flokkun skv. reglugerð EB 1272/2008 (CLP):			
	H315	Veldur húðertingu	Húðert.2
	H318	Veldur alvarlegum augnskaða	Augnskað.1
2.2 Merkingaratriði:			
Merking skv. reglugerð EB 1272/2008 (CLP):			
Hættumerki			
Viðvörðunarorð	HÆTTA		
Hættusetningar	H302 H312 H315 H318 H331 H335 H400 H411	Hættulegt við inntöku Hættulegt í snertingu við húð Veldur húðertingu Veldur alvarlegum augnskaða Eitrað við innöndun Getur valdið ertingu í öndunarfærum. Eitrað lífi í vatni Eitrað lífi í vatni hefur langvinn áhrif	
Varnaðarsetningar	P102 P264 P280 P302+P352 P305+P351+P338 P310 P332+P313 P362+P364 P501	Geymist þar sem börn ná ekki til. Þvoiid húð vandlega eftir meðhöndlun. Notið hlífðarhansa/hlífðarfatnað/augnhlífur/andlitshlífur. BERIST EFNIÐ Á HÚÐ: Þvoiid með miklu vatni. BERIST EFNIÐ Í AUGU: Skolið varlega með vatni í nokkrar mínútur. Fjarlægjið snertilinsur ef það er auðvelt. Skolið áfram. Hringið umsvifalaust í EITRUNARMÍÐSTÖÐ/lækni. Ef efnið ertir húð: Leitið lækni. Farið úr fötum, sem óhreinkast af efninu, og þvoiid fyrir næstu notkun. Fargið innihaldi/íláti hjá viðurkenndri spilliefnamóttöku.	
2.3 Aðrar hættur:	Engar upplýsingar fyrirleggjandi.		
Sjá einnig 11. og 15. lið.			

SAFETY DATA SHEET

Swanline LAVA FOAM

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	01.09.2022
Revision date	15.11.2022

1.1. Product identifier

Product name	Swanline LAVA FOAM
UFI	6TM8-50TD-U002-1G7R
Article no.	2011027
Product definition	Laavavaahto
Information on the packaging	Type of packaging: Jug Size of packaging: 20 L Material of packaging: Plastic: HDPE Type of packaging: Bag / sack Size of packaging: 10 L Material of packaging: Plastic: LDPE Type of packaging: Drum Size of packaging: 200 L Material of packaging: Plastic: HDPE

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

Function	Description: Vehicle detergent
Professional use	Yes

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name	Tammermatic Oy
Postal address	Vaaksakuja 1
Postcode	33960
City	Pirkkala
Country	Suomi

Telephone number	020 1373 400
Email	service@tammermatic.com
Website	www.tammermatic.com

1.4. Emergency telephone number

Emergency telephone	Telephone number: Phone: 09-4711 , 09-471977 (direct) Description: Kuvaus: Myrkytystietokeskus, Tukholmankatu 17, PL 790, 00029 HUS (Helsinki), (24 h)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Eye Dam. 1; H318 Skin Irrit. 2; H315
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2.2. Label elements

Hazard pictograms (CLP)



Signal word	Danger
Hazard statements	H302 + H312 Harmful if swallowed or in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H331 Toxic if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P264 Wash ih thoroughly after handling. P280 Wear protective gloves / protective clothing / eye protection / face protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. 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 or doctor / physician. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P332+P313 If skin irritation occurs: Get medical advice / attention.

2.3. Other hazards

PBT / vPvB	No data recorded.
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture
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Substance	Identification	Classification	Contents	Notes
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Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3 REACH Reg. No.: 01-2119488639-16	Eye Dam. 1; H318 Skin Irrit. 2; H315 Aquatic Chronic 3; H412	10 - -20 %
Alkylpolyglycoside	CAS No.: 68515-73-1 REACH Reg. No.: 01-2119488530-36		1 - -5 %
sodium olefine sulfonat	CAS No.: 68439-57-6	Eye Dam. 1; H318 Skin Irrit. 2; H315	1 - -5 %
Bronopol (INN)	CAS No.: 52-51-7 EC No.: 200-143-0 Index No.: 603-085-00-8 REACH Reg. No.: 01-2119980938-15	Acute tox. 4; H312; Acute tox. 4; H302; STOT SE 3; H335; Skin Irrit. 2; H315; Eye Dam. 1; H318; Aquatic Acute 1; H400; M-factor 10;	< 1 %
Substance comments	Contains anionic surfactants 15-30% and non-ionic surfactants < 5% Fragrances, preservatives (Bronopol, 2-n-butylbenzo[d]isothiazol-3-one, N-(3-minopropyl)-N-dodecylpropane-1,3-diamine)		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact	Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.

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

General symptoms and effects	No data recorded.
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4.3. Indication of any immediate medical attention and special treatment needed

Medical treatment	No data recorded.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Fight fire with normal precautions from a reasonable distance.
Improper extinguishing media	Not known

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Not known
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5.3. Advice for firefighters

Personal protective equipment	In case of inadequate ventilation wear respiratory protection.
Fire fighting procedures	Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Collect spillage. Absorb spillage to prevent material damage.
Personal protection measures	Wear protective gloves / protective clothing / eye protection / face protection. In case of inadequate ventilation wear respiratory protection.
For emergency responders	In case of inadequate ventilation wear respiratory protection.

6.2. Environmental precautions

Environmental precautionary measures	Collect spillage. Avoid release to the environment.
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6.3. Methods and material for containment and cleaning up

Containment	Collect spillage. Absorb spillage to prevent material damage. Avoid release to the environment.
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6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Harmful in contact with skin.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep only in original container. Keep container tightly closed. Store above freezing.
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7.3. Specific end use(s)

Specific use(s)	No recommendation given.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3		

Alkylpolyglycoside	CAS No.: 68515-73-1
sodium olefine sulfonat	CAS No.: 68439-57-6
Bronopol (INN)	CAS No.: 52-51-7

8.2. Exposure controls

Safety signs



Eye / face protection

Required Properties	Wear approved, tight fitting safety glasses where splashing is probable.
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Hand protection

Skin- / hand protection, short term contact	Protective gloves must be used if there is a risk of direct contact or splash.
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Skin protection

Suitable protective clothing	Not determined.
Protective clothing necessary properties	Wear appropriate clothing to prevent reasonably probable skin contact.

Respiratory protection

Respiratory protection necessary at	In case of inadequate ventilation wear respiratory protection.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Punainen
Odour	Hajustettu
pH	Status: In delivery state Value: 10
Boiling point / boiling range	Value: 100 °C
Flash point	Reason for waiving data: No data.
Explosion limit	Reason for waiving data: No data.
Relative density	Value: 1,03
Solubility	Medium: Water
Viscosity	Reason for waiving data: No data.

9.2. Other information

Physical hazards

Explosives	Assessment: None.
Flammable gases	Assessment: None.
Flammable aerosols	Assessment: None.
Oxidising gases	Assessment: None.
Gas under pressure	Assessment: Not known.
Flammable liquids	Assessment: None.
Flammable solids	Assessment: None.
Content of VOC	Reason for waiving data: No data.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	None.
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10.2. Chemical stability

Stability	No data recorded.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None.
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10.4. Conditions to avoid

Conditions to avoid	No data recorded.
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10.5. Incompatible materials

Materials to avoid	No data recorded.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No data recorded.
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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity	<p>Effect tested: LD50 Route of exposure: Oral Value: > 2000 mg/kg Species: Rat Comments: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts</p> <p>Effect tested: LD50 Route of exposure: Oral Method: ATE oral Value: 305 mg/kg</p>
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	Species: Rat Comments: 52-51-7 Bronopoli
	Effect tested: LD50 Route of exposure: Inhalation. Value: > 2000 mg/kg Species: Rat
	Effect tested: LC50 Route of exposure: Inhalation. Value: 0,8 mg/l Species: Rat Comments: 52-51-7 Bronopoli
Other toxicological data	No data recorded.

Other information regarding health hazards

Skin contact	May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Sensitisation	May cause an allergic skin reaction.

11.2 Other information

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity, fish	Value: 1 - 10 mg/l Effect dose concentration: LC50 Species: fish Comments: 68439-57-6 Sulfonic acids, C14-16-alkane hydroxy andC14-16-alkene, sodium salts
	Value: > 1 mg/l Effect dose concentration: LC50 Test duration: 96 hour(s) Comments: fish
Toxicity to bacteria	Value: 230 mg/l Effect dose concentration: EC50 Species: bacterial Comments: 68439-57-6 Sulfonic acids, C14-16-alkane hydroxy andC14-16-alkene, sodium salts

12.2. Persistence and degradability

Persistence and degradability description/evaluation	No data recorded.
Biodegradability	Comments: No data recorded.

12.3. Bioaccumulative potential

Bioconcentration factor (BCF)	Comments: No data recorded.
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12.4. Mobility in soil

Mobility	No data recorded.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	No data recorded.
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12.6. Endocrine disrupting properties

12.7. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Dispose of waste and residues in accordance with local authority requirements.
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Appropriate methods of disposal for the contaminated packaging	Confirm disposal procedures with environmental engineer and local regulations.
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SECTION 14: Transport information

Dangerous goods	No
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14.1. UN number

Comments	No recommendation given.
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14.2. UN proper shipping name

Comments	No recommendation given.
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14.3. Transport hazard class(es)

Comments	No recommendation given.
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14.4. Packing group

Comments	None.
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14.5. Environmental hazards

Comments	No data recorded.
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14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no)	No
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ADN Other information

Special provisions	No recommendation given.
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IMDG Other information

Limited quantity	None.
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ICAO/IATA Other information

Other transport, general	None.
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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

Assessed restrictions	None.
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Restriction of chemicals according to Annex XVII (REACH)	None.
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Other labelling requirements	None.
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15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.
Version	3
Expired date	31.12.2023