Safety Data Sheet
acc. to OSHA HCS

Printing date 12/21/2020 Reviewed on 12/21/2020

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1 Identification

· Product identifier

· Trade name: Lotus Ultra Power Foam

· Article number: 150764
· Application of the substance / the mixture Exterior vehicle cleaner

· Details of the supplier of the safety data sheet
· Manufacturer/Supplier:
Nextzett GmbH
An der Höhe 15
D-51674 Wiehl-Marienhagen
Deutschland
Tel: +49 2261 6095433
Fax: +49 2261 6095429
Email: info@nextzett.de / www.nextzett.de
· **Information department: Chemtel**
· **Emergency telephone number: 1-800-255-3924 (USA AND CANADA)**

2 Hazard(s) identification

· Classification of the substance or mixture

GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.

GHS07

Skin Irrit. 2 H315 Causes skin irritation.

· Label elements
· GHS label elements
The product is classified and labeled according to the Globally Harmonized System (GHS). ·
Hazard pictograms

GHS05

· Signal word Danger

· Hazard-determining components of labeling:
Benzolsulfonsäure, 4-C10-C13 sek. Alkylderivate, Verbindung mit Triethanolamin ·
Hazard statements
Causes skin irritation.
Causes serious eye damage.
· Precautionary statements
Wash hands thoroughly after handling.
Wear protective gloves / eye protection / face protection. If on
skin: Wash with plenty of water.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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Immediately call a poison center/doctor.
Specific treatment (see on this label).
Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. ·
Classification system:
· NFPA ratings (scale 0 - 4)

Health = 3
Fire = 0
Reactivity = 0

· HMIS-ratings (scale 0 - 4)

Health = *3
Fire = 0
Reactivity = 0

· Other hazards
· Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures
· Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 68891-38-3	Lineares (C12-14) Alcohol, ethoxyliert, sulfatiert, Natriumsalz	≥5-<10%
CAS: 112-34-5	2-(2-butoxyethoxy)ethanol	≤2.5%
CAS: 121617-08-1	Benzolsulfonsäure, 4-C10-C13 sek. Alkylderivate, Verbindung mit Triethanolamin	≥1-≤2.5%

· Verordnung (EG) Nr. 648/2004 über Detergenzien / Kennzeichnung der Inhaltsstoffe	
anionic surfactants	≥5 - <15%
amphoteric surfactants	<5%
perfumes (EUGENOL, AMYL CINNAMAL), preservation agents (METHYLISOTHIAZOLINONE, BENZISOTHIAZOLINONE)	

4 First-aid measures

· Description of first aid measures
· General information: Immediately remove any clothing soiled by the product.
· 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. Then consult a doctor. · After swallowing: If symptoms persist consult doctor.
· Information for doctor:
· Most important symptoms and effects, both acute and delayed No further relevant information available.

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· Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

· Extinguishing media
· Suitable extinguishing agents: Use firefighting measures that suit the environment.
· Special hazards arising from the substance or mixture No further relevant information available. · Advice for firefighters
· Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
· Environmental precautions: Do not allow to enter sewers/ surface or ground water. ·
Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent.
Dispose contaminated material as waste according to item 13. ·
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.
· Protective Action Criteria for Chemicals

· PAC-1:		
CAS: 112-34-5	2-(2-butoxyethoxy)ethanol	30 ppm
CAS: 57-55-6	Propylene glycol	30 mg/m³
CAS: 100-52-7	benzaldehyde	4 ppm
CAS: 123-92-2	isopentyl acetate	100 ppm
CAS: 141-78-6	ethyl acetate	1,200 ppm
CAS: 7757-82-6	sodium sulphate	9.8 mg/m³
CAS: 100-51-6	Benzyl alcohol	30 ppm
CAS: 120-51-4	Benzyl benzoate	5.7 mg/m³
CAS: 4602-84-0	Farnesol	18 mg/m³
CAS: 105-13-5	Anisyl alcohol	2.2 mg/m³

· PAC-2:		
CAS: 112-34-5	2-(2-butoxyethoxy)ethanol	33 ppm
CAS: 57-55-6	Propylene glycol	1,300 mg/m³
CAS: 100-52-7	benzaldehyde	9.9 ppm
CAS: 123-92-2	isopentyl acetate	500 ppm
CAS: 141-78-6	ethyl acetate	1,700 ppm
CAS: 7757-82-6	sodium sulphate	110 mg/m³
CAS: 100-51-6	Benzyl alcohol	52 ppm
CAS: 120-51-4	Benzyl benzoate	63 mg/m³
CAS: 4602-84-0	Farnesol	200 mg/m³

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CAS: 105-13-5	Anisyl alcohol	25 mg/m³

· PAC-3:

CAS: 112-34-5	2-(2-butoxyethoxy)ethanol	200 ppm
CAS: 57-55-6	Propylene glycol	7,900 mg/m³
CAS: 100-52-7	benzaldehyde	59 ppm
CAS: 123-92-2	isopentyl acetate	3000* ppm
CAS: 141-78-6	ethyl acetate	10000** ppm
CAS: 7757-82-6	sodium sulphate	650 mg/m³
CAS: 100-51-6	Benzyl alcohol	740 ppm
CAS: 120-51-4	Benzyl benzoate	380 mg/m³
CAS: 4602-84-0	Farnesol	1,200 mg/m³
CAS: 105-13-5	Anisyl alcohol	260 mg/m³

7 Handling and storage

· Handling:
· Precautions for safe handling No special precautions are necessary if used correctly.
· Information about protection against explosions and fires: No special measures required.

· 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.
· Storage class: 12
· Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see item 7. ·

Control parameters

· Components with limit values that require monitoring at the workplace:
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol	
TLV	Long-term value: 67.5* mg/m³, 10* ppm *Inhalable fraction and vapor

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

· 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.
Avoid contact with the skin.
Avoid contact with the eyes and skin.

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· Breathing equipment: Not required.
· Protection of hands:

Protective gloves

Suitable chemical resistent protective gloves (EN374) also at prolonged, direct contact (recommended protection index 6, corresponding 480 minutes permeation time according to EN 374) e.g. from Nitrilkautschuk (0,33-0,5 mm) Polyvinylchlorid (1mm).
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· 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:

Tightly sealed goggles

· Body protection: Protective work clothing

9 Physical and chemical properties

· Information on basic physical and chemical properties ·	
General Information	
· Appearance:	
Form:	Fluid
Color:	Green
· Odor:	Sweetish
· Odor threshold:	Not determined.
· pH-value at 20 °C (68 °F):	8.9
· Change in condition	
Melting point/Melting range:	4 °C (39.2 °F)
Boiling point/Boiling range:	100 °C (212 °F)
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not applicable.
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.

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· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)
· Density at 20 °C (68 °F):	1.033 g/cm³ (8.62039 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	4.2-4.4 %
VOC content:	4.19-4.4 % 45.4 g/l / 0.38 lb/gal
Solids content:	16-16.2 %
· Other information	No further relevant information available.

10 Stability and reactivity

· Reactivity No further relevant information available.
· Chemical stability
· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications. · Possibility of hazardous reactions No dangerous reactions known.
· Conditions to avoid No further relevant information available.
· Incompatible materials: No further relevant information available.
· Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects
· Acute toxicity:

· LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)

Dermal	LD50	160,000 mg/kg (rabbit)

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

Oral	LD50	5,660 mg/kg (rat)
Dermal	LD50	4,000 mg/kg (rabbit)

· Primary irritant effect:
· on the skin: Irritant to skin and mucous membranes.
· on the eye: Strong irritant with the danger of severe eye injury.

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· Sensitization: No sensitizing effects known.
· Additional toxicological information:
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)		
CAS: 97-53-0	Eugenol	3
CAS: 3844-45-9	Triphenylmethan-Farbstoff, Dihydrogen(ethyl)[4-[4-[ethyl(3-sulfonatobenzyl)]amino]-2'-sulfonatobenzhydryliden]cyclohexa-2,5-dien-1-yliden](3-sulfonatobenzyl)ammonium, Dinatriumsalz	3

· NTP (National Toxicology Program)
None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration) None of the ingredients is listed.

12 Ecological information

· Toxicity
· Aquatic toxicity: No further relevant information available. ·
Persistence and degradability
The surfactants contained in the product correspond to the legislation on the environmental compatibility of detergents and are biodegradable.
· Behavior in environmental systems:
· Bioaccumulative potential No further relevant information available. ·
Mobility in soil No further relevant information available.
· Additional ecological information:
· General notes:
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized. Danger to drinking water if even small quantities leak into the ground.
· Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.
· Other adverse effects No further relevant information available.

13 Disposal considerations

· Waste treatment methods
· Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· Uncleaned packagings:
· Recommendation: Disposal must be made according to official regulations.

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14 Transport information

· UN-Number · DOT, IMDG, IATA	not regulated
· UN proper shipping name · DOT, IMDG, IATA	not regulated
· Transport hazard class(es) · DOT, ADN, IMDG, IATA · Class	not regulated
· Packing group · DOT, IMDG, IATA	not regulated
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	not regulated

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.
· Sara

· Section 355 (extremely hazardous substances):
None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

CAS: 112-34-5	2-(2-butoxyethoxy)ethanol

· TSCA (Toxic Substances Control Act):

CAS: 7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
CAS: 68891-38-3	Lineares (C12-14) Alcohol, ethoxyliert, sulfatiert, Natriumsalz	ACTIVE
CAS: 68439-57-6	Sulfonic acids, C14-16-alkane hydroxy andC14-16-alkene, sodium salts	ACTIVE
CAS: 112-34-5	2-(2-butoxyethoxy)ethanol	ACTIVE
CAS: 61789-40-0	inner salt of N-cocoacyl derivatives of (3-aminopropan-1-yl)(carboxymethyl) dimethylammonium	ACTIVE
CAS: 144538-83-0	IMINODIBERNSTEINSÄURE, NATRIUMSALZ	ACTIVE
CAS: 57-55-6	Propylene glycol	ACTIVE
CAS: 100-52-7	benzaldehyde	ACTIVE
CAS: 7647-14-5	sodium chloride	ACTIVE
CAS: 123-92-2	isopentyl acetate	ACTIVE
CAS: 77-83-8	Ethyl methylphenylglycidate	ACTIVE
CAS: 2050-08-0	Amyl salicylate	ACTIVE
CAS: 141-78-6	ethyl acetate	ACTIVE
CAS: 5413-60-5	Tricyclodecenyl acetate	ACTIVE
CAS: 97-53-0	Eugenol	ACTIVE

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CAS: 104-93-8	p-Methylanisole	ACTIVE
CAS: 79-77-6	(E)-.beta.-Ionone	ACTIVE
CAS: 88-41-5	2-tert-butylcyclohexyl acetate	ACTIVE
CAS: 32210-23-4	4-tert-butylcyclohexyl acetate	ACTIVE
CAS: 122-40-7	alpha-Amylcinnamaldehyde	ACTIVE
CAS: 3811-73-2	pyridine-2-thiol 1-oxide, sodium salt	ACTIVE
CAS: 14860-53-8	tetrapotassium (1-hydroxyethylidene)bisphosphonate	ACTIVE
CAS: 123-68-2	allyl hexanoate	ACTIVE
CAS: 142-19-8	allyl heptanoate	ACTIVE
CAS: 2705-87-5	Allyl cyclohexanepropionate	ACTIVE
CAS: 60376-08-1	Trikaliumhydrogen (1-Hydroxyethyliden) bisphosphonat	ACTIVE
CAS: 2634-33-5	1,2-benzisothiazol-3(2H)-one	ACTIVE
CAS: 78-70-6	Linalool	ACTIVE
CAS: 7757-82-6	sodium sulphate	ACTIVE
CAS: 100-51-6	Benzyl alcohol	ACTIVE

· Hazardous Air Pollutants
None of the ingredients is listed.

· Proposition 65

· Chemicals known to cause cancer:
None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

· Carcinogenic categories

· EPA (Environmental Protection Agency)
None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH) None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health) None of the ingredients is listed.

· GHS label elements
The product is classified and labeled according to the Globally Harmonized System (GHS). · Hazard pictograms

GHS05

· Signal word Danger

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· Hazard-determining components of labeling:
Benzolsulfonsäure, 4-C10-C13 sek. Alkylderivate, Verbindung mit Triethanolamin ·
Hazard statements
Causes skin irritation.
Causes serious eye damage.
· Precautionary statements
Wash hands thoroughly after handling.
Wear protective gloves / eye protection / face protection. If
on skin: Wash with plenty of water.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center/doctor.
Specific treatment (see on this label).
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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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.

· Contact:
· Date of preparation / last revision 12/21/2020 / -
· 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
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
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)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Skin Irrit. 2: Skin corrosion/irritation - Category 2
Eye Dam. 1: Serious eye damage/eye irritation - Category 1
· * Data compared to the previous version altered.

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