
SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

1890 005101 – MANUAL SHAMPOO 5L

Revision 1 of 22.09.2015

Print Date: September 2015

AE / EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Commercial Product Name : Manual Shampoo 5L
Product Code : 1890 005101

1.2 Relevant identified uses of the mixture and uses advised against

Identified Uses : Detergent manual foaming agent for the cleaning of cars.
Professional use. Do not use for purposes other than those listed.

1.3 Details of the supplier of the safety data sheet

Company : Wurth Gulf Fze
POBox 17036
Dubai
Utd. Arab Emir.
E-mail address: wurthgulf@emirates.net.ae

Telephone : +9714 8834229
Telefax : +9714 8834303

1.4 Emergency telephone number

Emergency telephone Advisory office in case of poisoning
+9714 8834229

Telephone number of the company in case of emergencies
+97150 5646023

SECTION 2: Hazards Identification**2.1 Classification of the substance or mixture**

EC regulation criteria 1272/2008 (CLP):
Skin Irrit. 2, H315 Causes skin irritation.
Eye Irrit. 2, H319 Causes serious eye irritation.
Adverse physicochemical, human health and environmental effects:
No other hazards

2.2 Label Elements

Symbols:



Danger

Hazard statements:

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H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements:

P 103 Read the label before use.

P280 Wear protective gloves / protective clothing / eye protection / face.

P305 + P351 + P338. IN CASE OF EYE CONTACT: Rinse thoroughly for several minutes.

Remove contact lenses if easy to do. Continue rinsing.

P337 + P313. If eye irritation persists, consult a doctor.

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None.

2.2.1. INFORMATION ON INGREDIENTS in accordance with EC Regulation 648/2004

(Detergents)

Between 5% and 15%: Anionic Surfactants. Less than 1%: amphoteric surfactants.

Perfume.

2.3 Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

Contents of substances that contribute to the calculation of Volatile Organic Compounds



(VOC): 4%

SECTION 3: Composition/Information on Ingredients**3.1 Substances**

N.A.

3.2 Mixtures

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

QTY	Name	Ident. Number	Classification
>= 7% -	C12-14 alcohols,	CAS: 68891-38-3	 3.2/2/Skin Irrit.. 2 H315
	ethoxylated, sulfates,	EC: 500-234-8	
< 10%	sodium salts	REACH No.: 01-21194886 39-16	 3.3/1 Eye Dam. 1 H318

SECTION 4: First Aid Measures**4.1 Description of first aid measures**

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Wash thoroughly the body (shower or bath).

In case of eyes contact:

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After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting. OBTAIN IMMEDIATE MEDICAL ATTENTION.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

4.2 Most important symptoms and effects, both acute and delayed

None.

4.3 Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

SECTION 5: Firefighting Measures**5.1 Extinguishing media**

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2 Special hazards arising from the mixture

Do not inhale combustion smokes.

5.3 Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3 Methods and material for containment and cleaning up

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Wash with plenty of water.

6.4 Reference to other sections

See also section 8 and 13

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
 Don't use empty container before they have been cleaned.
 Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
 Contaminated clothing should be changed before entering eating areas.
 Do not eat or drink while working.
 See also section 8 for recommended protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.
 Incompatible materials:
 None in particular.
 Instructions as regards storage premises:
 Adequately ventilated premises.

7.3 Specific end use(s)

None in particular

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

DNEL Exposure Limit Values

C₁₂₋₁₄ alcohols, ethoxylated, sulfates, sodium salts
 REACH No.: 01-2119488639-16, CAS: 68891-38-3, EC: 500-234-8

Subjects to danger exposure	Access route of Hazard	Effects of Exposure	Duration of Exposure to Hazard	DNEL values	Toxicological reference parameter
Workers	Inhalation	Systemics	Long Term	175 mg/m ³ aria	Repeated dose toxicity
Workers	Dermal	Systemics	Long Term	2750 mg/Kg bw/d	Repeated dose toxicity
General Population	Inhalation	Systemics	Long Term	52 mg/m ³ aria	Repeated dose toxicity
General Population	Dermal	Systemics	Long Term	1650 mg/Kg bw/d	Repeated dose toxicity
General Population	Ingestion	Systemics	Long Term	15 mg/Kg bw/d	Repeated dose toxicity

PNEC Exposure Limit Values of substances present in the mixture :

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C₁₂₋₁₄ alcohols, ethoxylated, sulfates, sodium salts
 REACH No.: 01-2119488639-16, CAS: 68891-38-3, EC: 500-234-8

Environmental hazard to	Environmental compartment	PNEC values	Measurement units
Aquatic Organisms	Fresh water	0,24	mg/l
	Marine water	0,024	mg/l
	Intermittent releases	0,071	mg/l
	Sewage treatment plants	10000	mg/l
	Sediments/Fresh water	0,9168	mg/Kg sediment dw
Terrestrial Organisms	Sediments/Fresh water	0,09168	mg/Kg sediment dw
	Soil	7,5	mg/Kg soil dw
	Predators	No potential for bioaccumulation	

8.2 Exposure controls

Take all appropriate steps to protect against the risks of chemical, present in the workplace, they must be certified in accordance with Directive 89/686, as amended, and Legislative Decree no. 81 of 9 April 2008.

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance and colour	:	green liquid
Odour	:	fruit
Odour threshold	:	N.A.
pH (sol.n 1%)	:	9,50 ± 0,15
Melting point / freezing point	:	0°C
Initial boiling point and boiling range	:	> 100 °C
Solid/gas flammability	:	u.
Upper/lower flammability or explosive limits	:	u.
Vapour density	:	u.
Flash point	:	not flammable
Evaporation rate	:	u.
Vapour pressure	:	u.
Relative density	:	1,030 ± 0,005 g/cm ³
Solubility in water	:	complete
Solubility in oil	:	u.
Partition coefficient (n-octanol/water)	:	u.
Auto-ignition temperature	:	u.
Decomposition temperature	:	u.

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Viscosity : u.
Explosive properties : none
Oxidizing properties : none

9.2 Other information

Miscibility : N.A.
Fat Solubility : N.A.
Conductivity : N.A.
Substance Groups relevant properties : N.A.

SECTION 10: Stability and Reactivity**10.1 Reactivity**

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions**10.4 Conditions to avoid**

Stable under normal conditions.

10.5 Incompatible materials

None in particular.

10.6 Hazardous decomposition productsNone

SECTION 11: Toxicological Information**11.1 Information on toxicological effects****Toxicological information of the mixture:**

C12-14 alcohols, ethoxylated, sulfates, sodium salts - CAS: 68891-38-3

Toxicokinetics basic (publication, AISE and CEFIC) (rat and man, oral administration, intravenous and intraperitoneal): the study it was concluded that the substance does not have the potential to bioaccumulate.

Skin absorption (OECD Test Guideline 428) (voluntary female, exposure by covering occlusive for 24 hours): the average dose of sodium laureth sulfate absorbed, the sum of the amount found in the different layers of the skin was found to be 0.56%.

Acute toxicity :

Oral (OECD Test Guideline 401) (rat, male / female, administration by gavage): LD50 = 4100 mg / kg body weight. The substance is not classified dangerous according to criteria GHS / CLP.

Inhaled: n.d.d.

Dermal (OECD Test Guideline 402) (rat, male / female, occlusive cover for 24 hours): LD50 > 2000 mg / kg body weight. The substance is not classified dangerous according to criteria GHS / CLP.

Skin irritation / corrosion (OECD Test Guideline 404) (rabbit, semi-occlusive cover for 4

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hours, the observation period of 21 days): irritant.
Serious damage / eye irritation (OECD Test Guideline 405) (rabbit, 24 hour exposure, observation period of 21 days): irritant. (Test run on a 27% solution of active substance)
Skin sensitization (OECD Test Guideline 406) (guinea pig, female, and occlusive epicutaneous exposure, observation period of 48 hours): non-sensitizing.
Repeated dose toxicity oral (OECD Test Guideline 408) (rat, male / female, daily administration by gavage in water of watering for 90 days): NOEL > 225 mg / kg body weight / day.
Repeated dose toxicity dermal (similar to OECD Test Guideline 411) (rat, male / female, administration at will in the water of watering for 90 days): NOEL (local effects) = 68 mg / kg body weight / day; NOEL (systemic effects) > = 195 mg / kg body weight / day. The substance has not been tested. The values are derived from substances / products of a similar structure or composition (C10-16 alcohols, ethoxylated, sulfates, sodium salts).
Genetic toxicity in vitro (OECD Test Guideline 476, test genetic mutation mammalian cell) (mouse lymphoma cells): negative with and without metabolic activation.
Genetic toxicity in vitro (similar to OECD Test Guideline 471, Ames test) (Salmonella typhimurium): negative with and without metabolic activation.
Genetic toxicity in vivo (OECD Test Guideline 475, testing of chromosomal abnormality in mammals) (rat, male / female): Negative.
Carcinogenicity: no data available.
Reproductive toxicity (similar to OECD Test Guideline 416) (rat, male / female, daily administration of water watering two-generation): NOEL (NOEL and systemic effects (effects on reproduction) > = 300 mg / kg body weight / day.
Developmental Toxicity / Teratogenicity (rat, female, administered by oral gavage to the twentieth day after coitus): NOEL (toxicity for mothers) and NOEL (toxicity per development) > 1000 mg / kg body weight / day. The substance did not show symptoms of toxicity and are not recognized as a potential toxic to embryos or teratogenic

SECTION 12: Ecological Information

12.1 Toxicity

C₁₂₋₁₄ alcohols, ethoxylated, sulfates, sodium salts

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Short-term toxicity to fish (OECD Test Guideline 203) (Danio rerio 96 hours): LC50 = 7.1 mg / l.

Long-term toxicity to fish (OECD Test Guideline 204, similar to OECD Test Guideline 215) (Oncorhynchus mykiss, 28 days): NOEC = 0.2 mg / l.

Short-term toxicity to crustaceans (OECD Test Guideline 202) (Daphnia magna, 48 h): EC50 = 7.4 mg / l.

Long-term toxicity to Crustaceans (similar to OECD Test Guideline 211) (Daphnia magna, 21 days): NOEC (mortality and reproduction) = 0.18 mg / l. The substance has not been tested. The values are derived from substances / products of a similar structure or composition (Alchiletossi sulfate).

Toxicity to algae and cyanobacteria (OECD Test Guideline 201) (Desmodesmus subspicatus, 72 hours): EC50 (growth rate) = 27.7 mg / l; NOEC (growth rate) = 0.95 mg / l.

Microorganisms Toxicity to sewage treatment plants (DIN 38412, Part 8) (Pseudomonas putida, 16 hours): EC50 (growth inhibition) > 10 mg / l.

Sediment toxicity for: n.d.d.

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Toxicity to soil macro-organisms except Arthropods (OECD Test Guideline 222, ISO 11268-2) (Eisenia fetid, 28 days): NOEC (reproduction and body weight) = 750 mg / kg dry soil; NOEC (mortality) > 750 mg / kg dry soil.

Toxicity Arthropods: n.d.d.

Toxicity to Plants: n.d.d.

Microorganisms Toxicity to soil: nda

Toxicity to birds: n.d.d.

TERRESTRIAL COMPARTMENT

No data are available.

12.2 Persistence and degradability

C₁₂₋₁₄ alcohols, ethoxylated, sulfates, sodium salts

Stability and degradability: readily biodegradable

12.3 Bio accumulative potential

C₁₂₋₁₄ alcohols, ethoxylated, sulfates, sodium salts

Bioaccumulation: no data are available

12.4 Mobility in soil

No data

12.5 Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6 Other adverse effects

Not determined.

SECTION 13: Disposal Considerations**13.1 Waste treatment methods**

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport Information**14.1 UN number**

Not classified as dangerous in the meaning of transport regulations.

14.2 Un proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable.

14.5 Environmental hazards**14.6 Special precautions for user**

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory Information

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

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances)
Dir. 99/45/EC (Classification, packaging and labelling of dangerous preparations)
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Dir. 2006/8/EC
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 830/2015
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
Restriction 3
Where applicable, refer to the following regulatory provisions :
Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.
Regulation (EC) nr 648/2004 (detergents).
1999/13/EC (VOC directive)

15.2 Chemical Safety Assessment

No.

SECTION 16: Other Information

Text of phrases in section 3:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H318 Causes serious eye damage.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date.

It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

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GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.

Explanation of abbreviations:

n.a.	= not applicable
n.d.a.	= no data available
BCF	= Bio Cumulation Factor
LOEC	= Lowest Observed Effect Concentration
NOEC	= No Observed Effect Concentration
LOAEL	= Lowest Observed Adverse Effect Level
NOAEL	= No Observed Adverse Effect Level
DIN	= Deutsches Institut für Normung (German institute for standardization)
ISO	= International Organization for Standardization
EN	= European Normation
EPA	= Environmental Protection Agency
OPP	= Office of Pesticide Programs
OPPT	= Office of Pollution Prevention and Toxics
OPPTS	= Office of Prevention, Pesticides and Toxic Substances
OECD	= Organisation for Economic Co-operation and Developmental
OECD TG	= Guidelines for the Testing of Chemicals
SIDS	= Screening Information Data Sheet