

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

Product name : VALMA WASH & SHINE
Product code : S0 X

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

Application : Consumer product (SU21). Cleaning agent (PC35). Car maintenance.

1.3. Details of the supplier of the safety data sheet

Supplier : Service Best International B.V.
De Run 4271
5503LM Veldhoven, The Netherlands
E-mail : info@servicebest.com
Website : www.servicebest.com

1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

NL - Telephone : 040-2302300 (During office hours only)

EMERGENCY TELEPHONE NUMBER (in the UK and Ireland for healthcare professionals only):

(24/7)

SECTION 2 HAZARDS IDENTIFICATION

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2.1. Classification of the substance or mixture

CLP classification : Serious eye damage, category 1.
(1272/2008/EC)

Human health hazards : Causes serious eye damage.

Environmental hazards : Not classified as dangerous according to statutory EC-Directives.

Other information : Keep out of the reach of children.

2.2. Label elements

Label elements (1272/2008/EC):

Hazard pictograms :



Signal word : Danger

H- and P-phrases : H318 Causes serious eye damage.
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Additional labelling

: Contains: Benzenesulfonic acid, dodecyl-, branched, compds. with triethanolamine.

Ingredient declaration according to Regulation 648/2004:



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| | |
|--|-------------------|
| Contains: | Concentration (%) |
| Anionic surfactants Non-ionic surfactants | < 5 |
| Perfumes 2-Bromo-2-nitropropane-1,3-diol; Octylisothiazolinone | |

2.3. Other hazards

Other information : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

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3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

| Substance name | Concentration (w/w) (%) | CAS nr. | EC number | REACH nr. | OEL |
|--|-------------------------|------------|-----------|------------------|-----|
| Benzenesulfonic acid, dodecyl-, branched, compds. with triethanolamine Eye Dam. 1; Skin Irrit. 2; Acute Tox. 4; Aquatic Chronic 3 H302; H315; H318; H412 | 1 - 5 | 70528-84-6 | 274-655-8 | | |
| Sodium chloride ----- ----- | 0,1 - < 1 | 7647-14-5 | 231-598-3 | 01-2119485491-33 | # |
| n-Butyl acetate Flam. Liq. 3; STOT SE 3 H226; H336; EUH066 | 0,1 - < 1 | 123-86-4 | 204-658-1 | 01-2119485493-29 | # |
| 2,2',2''-Nitrilotriethanol ----- ----- | 0,1 - < 1 | 102-71-6 | 203-049-8 | 01-2119486482-31 | # |

Reference is made to chapter 16 for full text of each relevant H phrase. Substance(s) with an Occupational Exposure Limit are marked with #. Occupational exposure limit(s) are listed in section 8.

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

First aid measures

- Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.
- Skin contact : Take off contaminated clothing. Wash off skin with plenty of water before product dries up.
- Eye contact : Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor immediately.
- Ingestion : Do not induce vomiting. Do rinse the mouth. Give one glass of water. Give condensed milk or a knob of butter. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

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

Effects and symptoms

- Inhalation : No specific effects and/or symptoms are known.
- Skin contact : May cause dry skin.
- Eye contact : Strongly irritant. May cause redness and severe pain.
- Ingestion : May cause a feeling of sickness, vomiting and diarrhoea.

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



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Note to physicians : None known.

SECTION 5 FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Suitable : Carbondioxide (CO₂). Foam. Dry chemical. Water fog.
Not suitable : None known.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards : None known.
Hazardous thermal decomposition products : Carbon monoxide may be evolved if incomplete combustion occurs.

5.3. Advice for firefighters

Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Avoid contact with spilled or released material.

6.2. Environmental precautions

Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. Large spills: contain with dike.
Other information : Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water.

6.4. Reference to other sections

Reference to other sections : For guidance on selection of personal protective equipment see section 8. For guidance on disposal of spilled material see section 13.

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep frost-free, in a cool, dry and well-ventilated place (< 35 °C).
Recommended packaging : Keep only in the original container.
Non recommended packaging : Steel (except stainless steel).

7.3. Specific end use(s)

Use : Use only as directed. Do not mix with other products.



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SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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8.1. Control parameters

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Occupational exposure limits (mg/m³):

| Chemical name | Country | TWA 8 hour (mg/m ³) | STEL 15 min (mg/m ³) | Comments |
|----------------------------|---------|---------------------------------|----------------------------------|---|
| Sodium chloride | | 10 | - | Dow chemical, Industrial Hygiene Guidelines |
| n-Butyl acetate | GB | 724 | 966 | - |
| 2,2',2''-Nitrilotriethanol | | 5 | 10 | - |

Derived no-effect level (DNEL) for workers:

| Chemical name | Route of exposure | DNEL, short-term | | DNEL, long-term | |
|----------------------------|-------------------|-----------------------|---------------------------|-----------------------|---------------------------|
| | | Local effect | Systemic effect | Local effect | Systemic effect |
| Sodium chloride | Dermal | | 295,52 mg/kg bw | | 295,52 mg/kg bw/day |
| n-Butyl acetate | Inhalation | | 2068,62 mg/m ³ | | 2068,62 mg/m ³ |
| | Dermal | | 11 mg/kg bw | | 11 mg/kg bw/day |
| 2,2',2''-Nitrilotriethanol | Inhalation | 600 mg/m ³ | 600 mg/m ³ | 300 mg/m ³ | 300 mg/m ³ |
| | Dermal | | | | 6,3 mg/kg bw/day |
| | Inhalation | | | 5 mg/m ³ | 5 mg/m ³ |

Derived no-effect level (DNEL) for consumers:

| Chemical name | Route of exposure | DNEL, short-term | | DNEL, long-term | |
|----------------------------|-------------------|-----------------------|--------------------------|------------------------|--------------------------|
| | | Local effect | Systemic effect | Local effect | Systemic effect |
| Sodium chloride | Dermal | | 126,65 mg/kg bw | | 126,65 mg/kg bw/day |
| | Inhalation | | 443,28 mg/m ³ | | 443,28 mg/m ³ |
| | Oral | | 126,65 mg/kg bw | | 126,65 mg/kg bw/day |
| n-Butyl acetate | Dermal | | 6 mg/kg bw | | 6 mg/kg bw/day |
| | Inhalation | 300 mg/m ³ | 300 mg/m ³ | 35,7 mg/m ³ | 35,7 mg/m ³ |
| | Oral | | 2 mg/kg bw | | 2 mg/kg bw/day |
| 2,2',2''-Nitrilotriethanol | Dermal | | | | 3,1 mg/kg bw/day |
| | Inhalation | | | 1,25 mg/m ³ | 1,25 mg/m ³ |
| | Oral | | | | 13 mg/kg bw/day |

Predicted no-effect concentration (PNEC):

| Chemical name | Route of exposure | Fresh water | Marine water | |
|----------------------------|--------------------|-------------|--------------|--------------|
| Sodium chloride | Water | 5 mg/l | | |
| | Intermittent water | | | 19 mg/l |
| | STP | | | 500 mg/l |
| n-Butyl acetate | Soil | | | 4,86 mg/kg |
| | Water | 0,18 mg/l | 0,015 mg/l | |
| | Sediment | 0,981 mg/kg | 0,0981 mg/kg | |
| | Intermittent water | | | 0,36 mg/l |
| | STP | | | 35,6 mg/l |
| 2,2',2''-Nitrilotriethanol | Soil | | | 0,0903 mg/kg |
| | Water | 0,32 mg/l | 0,032 mg/l | |



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|--|--------------------|-----------|------------|-------------|
| | Sediment | 1,7 mg/kg | 0,17 mg/kg | |
| | Intermittent water | | | 5,12 mg/l |
| | STP | | | 10 mg/l |
| | Soil | | | 0,151 mg/kg |

8.2. Exposure controls

Engineering measures : Not applicable.
Hygienic measures : When using do not eat, drink or smoke.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection : Use of specific protective industrial clothing is not required under normal conditions of use.
Respiratory protection : Take care of sufficient ventilation.
Hand protection : Under normal conditions of use specific gloves are not required.
Eye protection : Wear a face shield or appropriate safety glasses with side shields, in accordance with EN 166.
Thermal hazards : Not applicable.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance : Liquid.
Colour : Blue.
Odour : Perfumed.
Odour threshold : Not known.
pH : 7.5
Solubility in water : Soluble.
Partition coefficient (n-octanol/water) : Not applicable. Contains surfactants. The O/W system emulsifies.
Flash point : > 100 °C Closed Cup (ISO 2719, EN 11, DIN 51758, ASTM D 93)
Flammability (solid, gas) : Not applicable. Liquid. See flashpoint.
Auto ignition temperature : 240 °C
Boiling point/boiling range : 100 °C
Melting point/melting range : < 0 °C
Explosive properties : None known. Does not contain explosives.
Explosion limits (in air) : Not applicable.
Oxidising properties : Not applicable. Does not contain oxidizing substances.
Decomposition temperature : Not applicable.
Viscosity (20°C) : 350 mPa.s
Viscosity (40°C) : Not relevant. The product contains < 10% substances having an aspiration hazard.
Vapour pressure (20°C) : 2300 Pa
Vapour density (20°C) : Not relevant. The solvent content of this product is less than 1%.
Relative density (20°C) : 1.012 g/ml
Evaporation rate : Not known. (n-butyl acetate = 1)

SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity



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Reactivity : See sub-sections below.

10.2. Chemical stability

Stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactivity : No other hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid : See section 7.

10.5. Incompatible materials

Materials to avoid : Keep away from oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products : Not known.

SECTION 11 TOXICOLOGICAL INFORMATION

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11.1. Information on toxicological effects

No toxicological research has been carried out on this product.

Inhalation

- Acute toxicity : Calculated LC50: > 10 mg/l. Ingredients of unknown toxicity: 7 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. No specific effects and/or symptoms are known.
- Corrosion/irritation : No specific effects and/or symptoms are known. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Skin contact

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : Prolonged contact may dry out and defat the skin. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Eye contact

- Corrosion/irritation : Risk of serious damage to eyes.

Ingestion

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: 2 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : May cause a feeling of sickness, vomiting and diarrhoea. Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Toxicological information:

| Chemical name | Property | Method | Test animal |
|---------------|----------|--------|-------------|
|---------------|----------|--------|-------------|



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| | | | | |
|--|--------------------------|---------------------|------|------|
| Benzenesulfonic acid, dodecyl-, branched, compds. with triethanolamine | Skin irritation | Moderately irritant | ---- | ---- |
| | Skin sensitisation | Not sensitizing | ---- | ---- |
| | LD50 (dermal) - estimate | > 4199 mg/kg bw | ---- | ---- |
| | Eye irritation | Severely irritant | ---- | ---- |
| | LD50 (oral) - estimate | 1653 mg/kg bw | | |

SECTION 12 ECOLOGICAL INFORMATION

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12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Calculated LC50 (fish): 473 mg/l. Calculated EC50 (waterflea): 116 mg/l. Contains < 1 % of components with unknown hazards to the aquatic environment. Not classified - based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Persistence – degradability : No specific information known. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.

12.3. Bioaccumulative potential

Bioaccumulative potential : Contains substances that are potentially bioaccumulating (Log Pow > 3).

12.4. Mobility in soil

Mobility : If product enters soil, it will be highly mobile and may contaminate groundwater.

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

12.6. Other adverse effects

Other information : Not applicable.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product residues : Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as hazardous waste.

Additional warning : None.

European waste catalogue : Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.

Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

SECTION 14 TRANSPORT INFORMATION

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14.1. UN number

UN nr. : None.

14.2. UN proper shipping name

Transport name : Not regulated.



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14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

ADR/RID/ADN (road/railway/inland waterways)

Class : This product is not classified according to ADR/RID/ADN.

IMDG (sea)

Class : This product is not classified according to IMDG.

Marine pollutant : No

IATA (air)

Class : This product is not classified according to IATA.

14.6. Special precautions for user

Other information : Country specific variations may apply.

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

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments.

SECTION 15 REGULATORY INFORMATION

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

Community regulations : Regulation (EC) No 830/2015 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations.

Directive 2012/18/EU : Not regulated.

:

15.2. Chemical safety assessment

Chemical safety assessment : Not applicable.

SECTION 16 OTHER INFORMATION

16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EC) No 830/2015 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

Full text of H-phrases mentioned in section 3:

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

Full text of hazard classes mentioned in section 3:

Flam. Liq. 3 : Flammable liquid, hazard category 3.
Acute Tox. 4 : Acute toxicity, category 4.
Skin Irrit. 2 : Skin irritation, category 2.
Eye Dam. 1 : Serious eye damage, category 1.
STOT SE 3 : Specific target organ toxicity after single exposure, category 3.



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Aquatic Chronic 3 : Hazardous to the aquatic environment — Chronic category 3.

List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet:

| | |
|------------|---|
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| DNEL | Derived no-effect level |
| ECETOC TRA | European centre for ecotoxicology and toxicology of chemicals. Targeted risk assessment |
| EU | European Union |
| EUSES | European Union System for the Evaluation of Substances |
| IBC code | Intermediate Bulk Container |
| LD50 LC50 | Lethal Dose/Concentration for 50% of a population |
| NOAEL | No Observed (Adverse) Effect Level |
| NOEC | No observed effect concentration |
| OEL | Occupational exposure limit |
| PBT | Persistent, Bioaccumulative and Toxic |
| PC | Chemical product category |
| PNEC | Predicted no-effect concentration |
| STP | Sewage Treatment Plant |
| SU | Sector of Use |
| SVHC | Substance of very high concern |
| TWA/STEL | Time-Weighted Average/Short Term Exposure Limit |
| vPvB | Very Persistent and Very Bioaccumulative |

Number format : "," used as decimal separator.