

# Safety Data Sheet:

According to EC Regulation 1907/2006/EC - revision 453/2010 (REACH)

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## SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1. Product identifier

Product Name WAX CLEAN  
Product Code EP\_X028G X1 (CLP)

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

#### Recommended use

Car wash. Cleaning agent.

### 1.3. Details of the supplier of the safety data sheet

NCH Distribution s.r.o.  
Průmyslová 1190  
410 02 Lovosice  
Czech Republic  
Tel.: +420 416 429 111

E-mail address chemcz@nch.com  
Website address www.flexfill.cz

### 1.4. Emergency telephone number

01902 510401 (available during Office Hours)

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 (CLP/GHS) and its adaptations

Skin irritation: Category 2  
Skin sensitisation: Category 1  
Eye irritation: Category 2  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.

#### Classification according to EU Directive 67/548EEC - 1999/45 EC

Xi - Irritant  
R43 - May cause sensitization by skin contact

### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008 (CLP/GHS)

Contains MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

#### Hazard pictograms



Signal Word Warning

#### Hazard Statements

H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.

**Precautionary Statements**

P261 - Avoid breathing vapors.

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

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing and wash it before reuse.

For industrial and institutional use only.

Keep out of reach of children.

(SDS ONLY)

P302 + P352 - IF ON SKIN: Wash with plenty of 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

**2.3. Other hazards**

No additional hazards identified

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

**SECTION 3. COMPOSITION / INFORMATION OF INGREDIENTS**

**3.2. Mixture**

Component	CAS-No	EC No.	EU - REACH Reg Number	Weight %	Classification	EU - GHS/CLP	Notes
POLYACRYLIC ACID SODIUM SALT	9003-04-7	-	-	5 - < 10	Xi; R36/38		
Alcohol C10-12, ethoxylated propoxylated	68154-97-2	-	-	1 - < 3	Xi; R38-41		
potassium cumenesulphonate	28085-69-0	248-827-8	-	1 - < 3	Xi; R36		
sodium cumenesulphonate	28348-53-0	248-983-7	-	1 - < 3	Xi; R36		
MIXTURE OF: 5-CHLORO-2-METHYL-4-IS OTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL -3-ONE (3:1)	55965-84-9	-	-	< 0.1	T; R23/24/25 C; R34 R43 N;R50-53	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	

For any H statements and R phrases mentioned in this section, see the full text in section 16. The GHS/CLP classification for substances are listed once they have been harmonised according to the REACH Regulation No 1907 / 2006.

**SECTION 4. FIRST AID MEASURES**

**4.1. Description of first aid measures**

General advice

Get medical attention immediately if symptoms occur.

Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes

Skin Contact

Rinse with water.

Ingestion

Rinse mouth with water. If swallowed, seek medical advice and show the container or label.

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

Sensitization

May cause sensitization by skin contact.

Eye contact

May cause irritation as itching and redness.

Skin contact

Unlikely to be irritant on brief or occasional exposure.

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

Notes to physician

Treat symptomatically

**SECTION 5. FIRE-FIGHTING MEASURES**

**5.1. Extinguishing media**

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use: Water spray. Foam. Carbon dioxide (CO2). Dry powder.

**5.2. Special hazards arising from the substance or mixture**

Material can create slippery conditions.

**5.3. Advice for firefighters**

Firefighters should wear a self-contained breathing apparatus and full protective gear.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

**6.2. Environmental precautions**

Avoid release of neat product into surface water and sanitary sewage system.

**6.3. Methods and material for containment and cleaning up**

Methods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). After cleaning, flush away traces with water.

**6.4. Reference to other sections**

Refer to sections 7, 8 and 13

**SECTION 7. HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Anyone with a history of skin sensitization to any of the substances in this product, should refrain from handling.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in original container.

**7.3. Specific end use(s)**

No information available

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

Exposure limits

For substances.

Component	European Union	The United Kingdom	France	Germany	Austria
POLYACRYLIC ACID SODIUM SALT				Peak: 0.05mg/m <sup>3</sup> TWA: 0.05mg/m <sup>3</sup>	
MIXTURE OF: 5-CHLORO-2-METHYL-4-IS OTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL -3-ONE (3:1)				Peak: 0.4mg/m <sup>3</sup> TWA: 0.2mg/m <sup>3</sup>	Skin TWA: 0.05 mg/m <sup>3</sup>

Component	Spain	Portugal	Italy	The Netherlands	Switzerland
MIXTURE OF: 5-CHLORO-2-METHYL-4-IS OTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL -3-ONE (3:1)					TWA: 0.2 mg/m <sup>3</sup>

**8.2. Exposure controls**

Control parameters

Provide washing facilities. Anyone with a history of skin sensitization to any of the substances in this product, should refrain from handling.

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Use personal protection equipment as per Directive 89/686/EEC

Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Conforming to EN 143 eg P2 / P3 Particle filters.

Hand Protection

Long term use eg: continuous wear or immersion;. Wear suitable protective gloves conforming to EN 374. Type of gloves suggested ∴ Nitrile rubber (0.4 mm). PVC (0.7mm). Neoprene gloves (0.4mm). Minimum breakthrough time of the glove material (protective index 4, breakthrough time: >120 min). Suitability and durability of a glove is dependent upon usage factors such as frequency, duration of use, temperature and chemical resistance. The use of a chemical-protective glove may in practice be much shorter than the permeation time determined through testing. For break through times, refer to glove manufacturers recommendations.

Eye Protection

Safety glasses if the method of use presents the likelihood of eye contact. Approved to EN 166.

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

Information below relates to typical values and does not constitute a specification

<b>Appearance</b>	Clear Orange	<b>Specific Gravity</b>	1.033
<b>Physical State</b>	Liquid	<b>Solubility</b>	Soluble in water
<b>Odor</b>	No information available	<b>Autoignition Temperature</b>	320 °C
<b>pH</b>	7.4	<b>Viscosity</b>	Slight viscous
<b>Melting Point/Range</b>	No information available	<b>Explosive properties</b>	No information available
<b>Boiling Point/Range</b>	No information available	<b>Oxidizing Properties</b>	No information available
<b>Flash Point</b>	No information available	<b>VOC Content (%)</b>	0.3
<b>Evaporation Rate</b>	No information available		
<b>Flammability Limits in Air %:</b>	No information available		
<b>Vapor Pressure</b>	No information available		
<b>Vapor Density</b>	No information available		

**9.2. Other information**

No other information available

**SECTION 10. STABILITY AND REACTIVITY**

**10.1. Reactivity**

Not considered as highly reactive. See further information below.

**10.2. Chemical stability**

Stable under normal conditions

**10.3. Possibility of hazardous reactions**

The mixture itself will not dangerously react or polymerise to create hazardous conditions in normal use

**10.4. Conditions to avoid**

No conditions to be specially mentioned

**10.5. Incompatible materials**

No materials to be specially mentioned

**10.6. Hazardous decomposition products**

None under normal storage conditions and use.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

Product Information

The product itself has not been tested

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
POLYACRYLIC ACID SODIUM SALT	> 40 g/kg ( Rat )		
sodium cumenesulphonate	> 7000 mg/kg ( Rat )		
MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)	= 481 mg/kg ( Rat ) = 53 mg/kg ( Rat )		= 1.23 mg/L ( Rat ) 4 h

Sensitization

May cause sensitization by skin contact.

Skin contact

Unlikely to be irritant on brief or occasional exposure.

Eye contact

May cause irritation as itching and redness.

Carcinogenicity

There are no known carcinogenic substances in this product.

Mutagenic Effects

There are no known mutagenic substances in this product.

Reproductive Effects

There are no known substances in this product with effects on reproduction

**SECTION 12. ECOLOGICAL INFORMATION**

## 12.1. Toxicity

### Product Information

The product itself has not been tested.

### **Ecotoxicity effects**

Contains substance(s) known to be hazardous to the aquatic environment.

Component	Toxicity to Fish	Water Flea	Toxicity to Algae
sodium cumenesulphonate		1000: 24 h Daphnia magna mg/L EC50	EC50 > 1000 mg/L Desmodesmus subspicatus 72 h
MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIA ZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ON E (3:1)	LC50 0.19 mg/L ONCORHYNCHUS MYKISS 96 h	EC50 0.16 mg/L 48 h	EC50: 0.01 mg/l (72h)

## 12.2. Persistence and degradability

The surfactant(s) contained in this mixture complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

## 12.3. Bioaccumulative potential

There is no test data on any of the components of this mixture. Not likely to bioaccumulate.

## 12.4. Mobility in soil

Soluble in water.

## 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

## 12.6. Other adverse effects

No data available.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### 13.1. Waste treatment methods

#### Waste from Residues / Unused Products

The used product can be drained to sewage if it does not contain hazardous materials and the pH is neutral (typically 5.5 to 9).

#### Contaminated Packaging

Empty remaining contents. Empty containers should be taken for local recycling, recovery or waste disposal. Recycle according to official regulations.

#### EWC waste disposal No

The following EWC/ AVV waste codes may be applicable: . 07 06 01\* aqueous washing liquids and mother liquors. 20 01 29\* Detergents containing dangerous substances. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

#### Other Information

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

## **SECTION 14. TRANSPORT INFORMATION**

### 14.1, 14.2, 14.3, 14.4.

Not classified for transport as dangerous goods

### 14.5. Environmental hazards

The mixture is not environmentally hazardous for transport.

### 14.6. Special precautions for user

No special precautions.

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

Packaged product, not typically transported in IBC's

### **Additional information**

The above information is based on latest transport regulations i.e. ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

## SECTION 15. REGULATORY INFORMATION

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

This mixture was classified in compliance with EC Regulation 1272/2008 (CLP) and its adaptations.

The mixture is classified as hazardous in accordance with Directive 1999/45/EC. In addition, Directive 2009/2/EC with the 31st Adaptation of Directive 67/548/EEC (Hazardous substances) has been taken into account. This is a detergent product and complies with the Detergent Regulation (EC) No.648/2004.

#### WGK Classification

Weakly water-endangering (WGK 1), Classification according VwVwS

#### Detergent labelling for contents (REGULATION (EC) No 648/2004 - 907/2006):

< 5% anionic surfactants < 5% non-ionic surfactants, perfumes

preservation agent MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for this mixture by the supplier

## SECTION 16. OTHER INFORMATION

### Text of H statements mentioned in Section 3

H301 - Toxic if swallowed. H311 - Toxic in contact with skin. H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction. H331 - Toxic if inhaled. H400 - Very toxic to aquatic life. H410 - Very toxic to aquatic life with long lasting effects.

### Text of R phrases mentioned in Section 3

R34 - Causes burns. R36 - Irritating to eyes. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R43 - May cause sensitization by skin contact. R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed. R36/38 - Irritating to eyes and skin. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Calculation method. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.

**Prepared By** Austen Pimm

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#### **Revision Summary**

CLP update.

### Abbreviations

REACH: Registration Evaluation Authorisation Restriction of Chemicals

EU: European Union

EC: European community

EEC: European Economic Community

UN: United Nations

CAS: Chemical Abstracts Service

PBT: Persistent Bioaccumulative Toxic

vPvB: very Persistent very Bioaccumulative

LC50: Lethal concentration, 50 percent

LD50 : Lethal dose, 50 percent

EC50: Effective concentration, 50 percent

LogPow: LogP octanol/water

VwVwS: Verwaltungsvorschrift wassergefährdende Stoffe (Administrative order relating to substances hazardous to water - Germany)

WGK: Wassergefährdungskategorie (Water Hazard Class - Germany).

AVV: Abfallverzeichnis-Verordnung (Waste Code - Germany)

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European agreement governing the international carriage of dangerous goods by road)

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International carriage of Dangerous goods by rail)

EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods

ERG: Emergency Response Guidebook

IUCLID / RTECS International Uniform Chemical Information Database / Registry of Toxic Effects of Chemical Substances

GHS: Globally Harmonised System of classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

VOC: Volatile Organic Chemical

w/w: weight for weight

DMSO: Dimethyl sulphoxide

OECD: Organization for Economic Cooperation and Development

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

### Further Information

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

Component test results displayed in sections 11 and 12 are typically supplied by Chemadvisor and assembled from publicly available literature sources e.g. IUCLID / RTECS.

### Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

**End of Safety Data Sheet**