

# WHEEL CLEANER - ACTIVE COLOUR



## SAFETY DATA SHEET

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Wheel Cleaner - Active Colour  
Product code : Ford Internal Ref.: 511265  
SDS Number : 11526  
UFI : 0DXN-XFPG-5109-M3G0  
Type of product : Detergent  
Product use : Public use

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Cleaner

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

Ford-Werke GmbH  
Edsel-Ford-Str. 2-14  
50769 Cologne  
Germany  
+49 221 90-33333  
sdseu@ford.com

##### Distributor

Ford Motor Company Ltd.  
Parts Distribution Centre  
Royal Oak Way South  
NN11 8NT Daventry, Northants  
United Kingdom  
+44 1327 305 198

#### 1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH – 24/7)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations

Health hazards	Acute toxicity (oral), Category 4	H302	Harmful if swallowed.
	Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
	Serious eye damage/eye irritation, Category 2	H319	Causes serious eye irritation.
	Skin sensitisation, Category 1	H317	May cause an allergic skin reaction.

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

## 2.2. Label elements

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations

### Hazard pictograms



### Signal word

Warning

### Contains

Ammonium 2-mercaptopropionate; Sodium mercaptoacetate; (R)-p-mentha-1,8-diene; 1,2-benzisothiazol-3(2H)-one

### Hazard statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

### Precautionary statements

#### General

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.

#### Prevention

P264	Wash hands thoroughly after handling.
P280	Wear eye protection, protective gloves.

#### Response

P301+P312	IF SWALLOWED: Call a POISON CENTER, doctor if you feel unwell.
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.

#### Disposal

P501	Dispose of contents and container to an approved waste disposal plant.
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## 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical name	CAS- No EC- No Index No RRN	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Notes
Sodium mercaptoacetate	367-51-1 206-696-4 - 01-2119968564-24	10 - 25	Met. Corr. 1, H290 Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Skin Sens. 1B, H317 Aquatic Chronic 3, H412	
Ammonium 2-mercaptopropionate	13419-67-5 236-526-4	2,5 - < 10	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302	

	- 01-2120775147-48		(ATE=500 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317	
2-butoxyethanol	111-76-2 203-905-0 603-014-00-0 01-2119475108-36-XXXX	2,5 - < 10	Acute Tox. 4 (Oral), H302 (ATE=1200 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=3 mg/l/4h) Skin Irrit. 2, H315 Eye Irrit. 2, H319	substance with a Community workplace exposure limit
Sodium ethylhexyl sulfate	126-92-1 204-812-8 01-2119971586-23	2,5 - < 10	Skin Irrit. 2, H315 Eye Dam. 1, H318	(10 ≤ C < 20) Eye Irrit. 2, H319 (20 ≤ C ≤ 100) Eye Dam. 1, H318
propan-2-ol	67-63-0 200-661-7 603-117-00-0 01-2119457558-25-XXXX	1 - < 2,5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
(R)-p-mentha-1,8-diene	5989-27-5 227-813-5 601-096-00-2 01-2119529223-47-XXXX	0,1 - < 0,25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 (M=1.0) Aquatic Chronic 3, H412	
Pyridine-2-thiol 1-oxide, sodium salt; pyrithione sodium; sodium pyrithione	3811-73-2 223-296-5 613-344-00-7	0,025 - < 0,025	Acute Tox. 3 (Inhalation), H331 (ATE=0.5 mg/l) Acute Tox. 3 (Dermal), H311 (ATE=790 mg/kg bodyweight) Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) STOT RE 1, H372 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 2, H411	

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention.
First-aid measures after skin contact	: Take off immediately all contaminated clothing and wash it before reuse. Wash immediately with plenty of water. Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Do not induce vomiting. Rinse mouth thoroughly. Get immediate medical advice/attention.

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

Symptoms/effects after skin contact	: Get medical attention if irritation develops and persists. Causes severe burns.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: Harmful if swallowed.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Dry chemical, CO<sub>2</sub>, dry sand, or alcohol-resistant foam.  
Unsuitable extinguishing media : Do not use water jet as an extinguisher, as this will spread the fire.

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

- Hazardous decomposition products in case of fire : During fire, gases hazardous to health may be formed.

### 5.3. Advice for firefighters

- Firefighting instructions : Move containers from fire area if it can be done without personal risk. Use standard firefighting procedures and consider the hazards of other involved materials.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.  
Other information : Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

- Protective equipment : Wear appropriate protective equipment and clothing during clean-up. Use personal protection recommended in Section 8 of the MSDS.  
Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Local authorities should be advised if significant spillages cannot be contained. Wear appropriate protective equipment and clothing during clean-up.

#### 6.1.2. For emergency responders

- Protective equipment : Wear recommended personal protective equipment. For personal protection, see section 8 of the SDS.  
Emergency procedures : Keep unnecessary personnel away. Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. Prevent further leakage or spillage if safe to do so. Inform appropriate managerial or supervisory personnel of all environmental releases.

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

- For containment : Stop leak without risks if possible. Move containers from fire area if it can be done without personal risk.  
Methods for cleaning up : Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small spills: Take up liquid spill into absorbent material. Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use.  
Other information : Dispose of materials or solid residues at an authorized site. Prevent entry into waterways, sewer, basements or confined areas.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Ensure adequate ventilation, especially in confined areas.

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid release to the environment. Avoid contact with skin, eyes and clothing.
- Hygiene measures : Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Observe good industrial hygiene practices.

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

- Technical measures : Ensure adequate ventilation, especially in confined areas.
- Storage conditions : Store locked up. Store in a dry, cool and well-ventilated place.
- Heat and ignition sources : Keep out of direct sunlight.
- Storage area : Keep cool. Protect from sunlight. Store away from heat.

## 7.3. Specific end use(s)

Cleaning product.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. National occupational exposure and biological limit values

##### 2-butoxyethanol (111-76-2)

##### EU - Indicative Occupational Exposure Limit (IOEL)

Local name	2-Butoxyethanol
IOEL TWA	98 mg/m <sup>3</sup>
IOEL TWA [ppm]	20 ppm
IOEL STEL	246 mg/m <sup>3</sup>
IOEL STEL [ppm]	50 ppm
Remark	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

##### United Kingdom - Occupational Exposure Limits

Local name	2-Butoxyethanol
WEL TWA (OEL TWA) [1]	123 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	25 ppm
WEL STEL (OEL STEL)	246 mg/m <sup>3</sup>
WEL STEL	50 ppm
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2)
Regulatory reference	EH40. HSE

##### United Kingdom - Biological limit values

Local name	2-Butoxyethanol
BMGV	240 mmol/mol Creatinine Parameter: butoxyacetic acid - Medium: urine - Sampling time: Post shift
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

**propan-2-ol (67-63-0)****United Kingdom - Occupational Exposure Limits**

Local name	Propan-2-ol
WEL TWA (OEL TWA) [1]	999 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	400 ppm
WEL STEL (OEL STEL)	1250 mg/m <sup>3</sup>
WEL STEL	500 ppm
Regulatory reference	EH40. HSE

**8.1.2. Recommended monitoring procedures**

No additional information available

**8.1.3. Air contaminants formed**

No additional information available

**8.1.4. DNEL and PNEC****2-butoxyethanol (111-76-2)****DNEL/DMEL (Workers)**

Acute - systemic effects, dermal	89 mg/kg bodyweight/day
Acute - systemic effects, inhalation	1091 mg/m <sup>3</sup>
Acute - local effects, inhalation	246 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	125 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	98 mg/m <sup>3</sup>

**DNEL/DMEL (General population)**

Acute - systemic effects, dermal	26.7 mg/kg bodyweight
Acute - systemic effects, inhalation	426 mg/m <sup>3</sup>
Acute - systemic effects, oral	89 mg/kg bodyweight
Acute - local effects, inhalation	147 mg/m <sup>3</sup>
Long-term - systemic effects, oral	6.3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	59 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	75 mg/kg bodyweight/day

**PNEC (Water)**

PNEC aqua (freshwater)	8.8 mg/l
PNEC aqua (marine water)	0.88 mg/l
PNEC aqua (intermittent, freshwater)	26.4 mg/l

**PNEC (Sediment)**

PNEC sediment (freshwater)	34.6 mg/kg dwt
PNEC sediment (marine water)	3.46 mg/kg dwt

**PNEC (Soil)**

PNEC soil	2.33 mg/kg dwt
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**PNEC (Oral)**

PNEC oral (secondary poisoning)	0.02 g/kg food
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**PNEC (STP)**

PNEC sewage treatment plant	463 mg/l
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**Sodium mercaptoacetate (367-51-1)**

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**PNEC (Water)**

PNEC aqua (freshwater)	0.011 mg/l
PNEC aqua (marine water)	0.0001 mg/l

**PNEC (Sediment)**

PNEC sediment (freshwater)	0.039 mg/kg dwt
PNEC sediment (marine water)	0.004 mg/kg dwt

**PNEC (Soil)**

PNEC soil	10 mg/l
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**propan-2-ol (67-63-0)**

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**DNEL/DMEL (Workers)**

Long-term - systemic effects, dermal	888 mg/kg bw/day
Long-term - systemic effects, inhalation	500 mg/m <sup>3</sup>

**DNEL/DMEL (General population)**

Long-term - systemic effects, oral	26 mg/kg bw/day
Long-term - systemic effects, inhalation	89 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	319 mg/kg bw/day

**PNEC (Water)**

PNEC aqua (freshwater)	140.9 mg/l
PNEC aqua (marine water)	140.9 mg/l

**PNEC (Sediment)**

PNEC sediment (freshwater)	552 mg/kg dwt
PNEC sediment (marine water)	552 mg/kg dwt

**PNEC (Soil)**

PNEC soil	28 mg/kg dwt
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**PNEC (Oral)**

PNEC oral (secondary poisoning)	160 mg/kg food
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**PNEC (STP)**

PNEC sewage treatment plant	2251 mg/l
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**(R)-p-mentha-1,8-diene (5989-27-5)**

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**DNEL/DMEL (Workers)**

Long-term - systemic effects, dermal	9.5 mg/kg bodyweight/day
Long-term - local effects, inhalation	66.7 mg/m <sup>3</sup>

**DNEL/DMEL (General population)**

Long-term - systemic effects, oral	4.8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	16.6 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	4.8 mg/kg bodyweight/day

**PNEC (Water)**

PNEC aqua (freshwater)	14 µg/L
PNEC aqua (marine water)	1.4 µg/L

**PNEC (Sediment)**

PNEC sediment (freshwater)	3.85 mg/kg dwt
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PNEC sediment (marine water) 0.385 mg/kg dwt

#### **PNEC (Soil)**

PNEC soil 0.763 mg/kg dwt

#### **PNEC (Oral)**

PNEC oral (secondary poisoning) 133 mg/kg food

#### **PNEC (STP)**

PNEC sewage treatment plant 1.8 mg/l

#### **8.1.5. Control banding**

No additional information available

### **8.2. Exposure controls**

#### **8.2.1. Appropriate engineering controls**

##### **Appropriate engineering controls:**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### **8.2.2. Personal protection equipment**

##### **Personal protective equipment:**

Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the protective equipment.

##### **8.2.2.1. Eye and face protection**

###### **Eye protection:**

Safety glasses with side shields. EN 166.

##### **8.2.2.2. Skin protection**

###### **Skin and body protection:**

Wear suitable protective clothing. Long sleeved protective clothing. EN 14605. EN ISO 13982

###### **Hand protection:**

Protective gloves. ISO 374-1. The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions, can reduce the protective effect provided by the recommended glove

<b>Material</b>	<b>Permeation</b>	<b>Thickness (mm)</b>	<b>Comments</b>
Nitrile rubber (NBR)	6 (> 480 minutes)	0,4	Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see <a href="http://www.kcl.de">www.kcl.de</a> ) or comparable product.
In case of splash contact: Nitrile rubber (NBR)	6 (> 480 minutes)	0,4	Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see <a href="http://www.kcl.de">www.kcl.de</a> ) or comparable product.

##### **Other skin protection**

###### **Materials for protective clothing:**

Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the protective equipment

##### **8.2.2.3. Respiratory protection**

###### **Respiratory protection:**

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn

##### **Respiratory protection**

<b>Device</b>	<b>Filter type</b>	<b>Condition</b>	<b>Standard</b>
Mask	A-P2		

##### **8.2.2.4. Thermal hazards**

###### **Thermal hazard protection:**

Wear appropriate thermal protective clothing, when necessary.



### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases.

#### Other information:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: whitish.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: 100 °C
Flammability	: Not available
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: > 93 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 6.1 DIN 19268
Viscosity, kinematic	: Not available
Solubility	: Miscible with water.
Log Kow	: Not available
Vapour pressure	: 23 hPa
Vapour pressure at 50°C	: Not available
Density	: 1.11 g/cm <sup>3</sup> DIN 51757
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

VOC content : 6.48 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

No additional information available

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

No additional information available

### SECTION 11: Toxicological information

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

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Based on available data, the classification criteria are not met  
Acute toxicity (inhalation) : Based on available data, the classification criteria are not met

<b>Wheel Cleaner - Active Colour</b>	
LD50 oral rat	300 – < 2000 mg/kg bodyweight
<b>Ammonium 2-mercaptopropionate (13419-67-5)</b>	
LD50 oral	1797 mg/kg OECD 401
LD50 dermal rat	> 2000 mg/kg OECD 402
<b>2-butoxyethanol (111-76-2)</b>	
LD50 oral	1200 mg/kg bodyweight Guinea pig
LC50 Inhalation - Rat (Vapours)	3 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.  
pH: 6.1 DIN 19268  
Serious eye damage/irritation : Causes serious eye irritation.  
pH: 6.1 DIN 19268  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Based on available data, the classification criteria are not met  
Carcinogenicity : Based on available data, the classification criteria are not met  
Reproductive toxicity : Based on available data, the classification criteria are not met  
STOT-single exposure : Based on available data, the classification criteria are not met

<b>propan-2-ol (67-63-0)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Based on available data, the classification criteria are not met
<b>Pyridine-2-thiol 1-oxide, sodium salt; pyrithione sodium; sodium pyrithione (3811-73-2)</b>	
STOT-repeated exposure	Causes damage to organs (nervous system) through prolonged or repeated exposure.

Aspiration hazard : Based on available data, the classification criteria are not met

#### 11.2. Information on other hazards

##### 11.2.1. Endocrine disrupting properties

##### 11.2.2. Other information

Potential adverse human health effects and symptoms : Exposure may produce an allergic reaction, Information on Effects: refer to section 4

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.  
Hazardous to the aquatic environment, short-term (acute) : Based on available data, the classification criteria are not met  
Hazardous to the aquatic environment, long-term (chronic) : Based on available data, the classification criteria are not met

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**Pyridine-2-thiol 1-oxide, sodium salt; pyrithione sodium; sodium pyrithione (3811-73-2)**

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LC50 - Fish [1]	0.00767 mg/l (OECD 203 method)
EC50 - Crustacea [1]	0.022 ml/l (OECD 202 method)
EC50 72h - Algae [1]	0.46 mg/l (OECD 201 method)

**12.2. Persistence and degradability****propan-2-ol (67-63-0)**

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Persistence and degradability Readily biodegradable.

**Pyridine-2-thiol 1-oxide, sodium salt; pyrithione sodium; sodium pyrithione (3811-73-2)**

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Persistence and degradability Readily biodegradable, according to appropriate OECD test. (OECD 301B method).  
Biodegradation > 70 %

**12.3. Bioaccumulative potential****2-butoxyethanol (111-76-2)**

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Bioconcentration factor (BCF REACH) < 100  
Log Kow 0.81

**propan-2-ol (67-63-0)**

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Bioconcentration factor (BCF REACH) 0  
Log Pow 0.05 at 25 °C

**Pyridine-2-thiol 1-oxide, sodium salt; pyrithione sodium; sodium pyrithione (3811-73-2)**

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Log Kow < -1.09 (OECD 107 method)

**12.4. Mobility in soil**

No additional information available

**12.5. Results of PBT and vPvB assessment****Wheel Cleaner - Active Colour**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

**12.6. Endocrine disrupting properties**

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

**12.7. Other adverse effects**

Other adverse effects : No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Regional legislation (waste) : Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Dispose of in accordance with local regulations.  
Waste treatment methods : Collect and reclaim or dispose in closed containers at licensed waste disposal site. Do not contaminate ponds, waterways or ditches with chemical or used container. Do not allow to enter drains or water courses. Dispose of contents/container in accordance with licensed collector's sorting instructions.

European List of Waste (LoW) code

: The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

20 01 29\* - detergents containing dangerous substances

15 01 10\* - packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

Not regulated for transport

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### EU restriction list (REACH Annex XVII)

Reference code	Applicable on
3(a)	propan-2-ol ; Ethanol ; (R)-p-mentha-1,8-diene
3(b)	Wheel Cleaner - Active Colour ; Ammonium 2-mercaptopropionate ; 2-butoxyethanol ; Alcohols, C10-14, ethoxylated ; Poly(oxy-1,2-ethanediyl), -alpha.-hydro.-omega.-hydroxy-, mono-C10-14-alkyl ethers, phosphates ; propan-2-ol ; DIETHYLHEXYL SODIUM SULFOSUCCINATE ; 2-ethylhexan-1-ol ; (R)-p-mentha-1,8-diene ; LINALOOL ; N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine
3(c)	(R)-p-mentha-1,8-diene ; N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine
40.	propan-2-ol ; Ethanol ; (R)-p-mentha-1,8-diene

Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

VOC content : 6.48 %

Other information, restriction and prohibition regulations : Directive 94/33/EC on the protection of young people at work, as amended. Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended. Directive 92/85/EEC on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding as amended. For details, refer to section 3 and 8.

#### Detergent Regulation (648/2004/EC): Labelling of contents

Component	%
amphoteric surfactants, non-ionic surfactants, phosphates, anionic surfactants	<5%
preservation agents	
LAURYLAMINE DIPROPYLENEDIAMINE	
BENZISOTHIAZOLINONE	
SODIUM PYRITHIONE	
perfumes	
LIMONENE	
LINALOOL	
ALPHA-ISOMETHYL IONONE	
CITRAL	

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
STEL	Short-term Exposure Limit
VOC	Volatile organic compounds
ATE	Acute Toxicity Estimate

BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative
OEL	Occupational Exposure Limit
RRN	REACH Registration no.
TWA	Time Weighted Average. The average concentration of a chemical in air over the total exposure time-usually an 8-hour workday.

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

#### Full text of H- and EUH-statements

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.

H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Met. Corr. 1	Corrosive to metals, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

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

Acute Tox. 4 (Oral)	H302	Calculation method
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method

*The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.*



## Attachment to the Safety Data Sheet

**Product Name:** Wheel Cleaner - Active Colour

**Ford Int. Ref. No.:** 511265

**Revision Date:** 12.10.2023

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### Involved Products:

<b>Finiscode</b>	<b>Part number</b>	<b>Container Size:</b>
1 2 754 500	PU7J 19G419 AA	500 ml
<b>Part of Kit:</b> 2 753 114	PU7J 19G469 BA	Cleaning Kit for Vehicle Exterior