



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

1.1 Product identifier:

Wheelcleaner Xtreme

UFI: P846-8VGU-020U-8GS5

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

/

Concentration in use: /

1.3 Details of the supplier of the safety data sheet:

MPVE Green Products

Noordstraat 74

8680 Koekelare

Phone: +32 475 31 41 42 - email: info@mpve.be - website: www.mpvegreenproducts.be

1.4 Emergency telephone number:

+32 70 245 245

2 SECTION 2: Hazards identification:

2.1 Classification of the substance or mixture:

Classification of the substance or mixture in accordance with regulation (EU) 1272/2008

H290 Met. Corr. 1 H302 Acute tox. 4 H314 Skin Corr. 1A H317 Skin Sens. 1

2.2 Label elements:

Pictograms



Signal word: Warning

Hazard statements:

H290 Met. Corr. 1:	May be corrosive to metals.
H302 Acute tox. 4:	Harmful if swallowed.
H314 Skin Corr. 1A:	May cause an allergic skin reaction.
H317 Skin Sens. 1:	Causes serious eye irritation.

Precautionary statements:

P264:	Wash hands thoroughly after handling.
280:	Wear protective gloves, protective clothing, eye protection, face protection.
P301 + P312:	IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P305 + P351 + P338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313:	If skin irritation or rash occurs: Get medical advice/attention.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Contains: salicylic acid; Sodium mercaptoacetate

2.3 Other hazards:

None

3 SECTION 3: Composition/information on ingredients:

Sodium mercaptoacetate	≤ 20%	CAS number: 367-51-1 EINECS: 206-696-4 REACH Registration number: CLP Classification: H290 Met. Corr. 1 H301 Acute tox. 3 H312 Acute tox. 4 H317 SKin Sens. 1 Additional data: ATE (H301) = 100 mg/kg ; ATE (H312) = 1100 mg/kg
salicylic acid	≤ 0,2%	CAS number: 69-72-7 EINECS: 215-185-5 REACH Registration number: 01-2119486984-17 CLP Classification: H302 Acute tox. 4 H318 Eye Dam. 1 H361d Repr. 2 Additional data: ATE (H302) = 891 mg/kg

For the full text of the H phrases mentioned in this section, see section 16.

4 SECTION 4: First aid measures:

4.1 Description of first aid measures:

Always ask medical advice as soon as possible should serious or continuous disturbances occur.

Skin contact:	Remove contaminated clothing, rinse skin with plenty of water and immediately transport to hospital.
Eye contact:	Thoroughly rinse with water (contact lenses to be removed if this is easily done) then take to physician.
Ingestion:	Rinse mouth, do not induce vomiting, take to hospital immediately..
Inhalation:	Let sit upright, fresh air, rest and take to hospital.

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

Skin contact:	Caustic, redness, pain, serious burns
Eye contact:	Caustic, redness, blurred vision, pain
Ingestion:	Caustic, lack of breath, vomiting, blisters on lips and tongue, burning pain in mouth and throat, gullet and stomach
Inhalation:	Headache, dizziness, nausea, drowsiness, unconsciousness

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

none

5 SECTION 5: Firefighting measures:

5.1 Extinguishing media:

CO₂, foam, powder, sprayed water

5.2 Special hazards arising from the substance or mixture:

None

5.3 Advice for firefighters:

Extinguishing agents to be avoided: None

6 SECTION 6: Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures:

Do not walk into or touch spilled substances and avoid inhalation of fumes, smoke, dusts and vapours by staying up wind. Remove any contaminated clothing and used contaminated protective equipment and dispose of it safely.

6.2 Environmental precautions:

Do not allow to flow into sewers or open water.

6.3 Methods and material for containment and cleaning up:

Contain released substance, store into suitable containers. If possible, remove by using absorbent material.

6.4 Reference to other sections:

For further information, check sections 8 & 13.

7 SECTION 7: Handling and storage:

7.1 Precautions for safe handling:

Handle with care to avoid spillage.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in a sealed container in a closed, frost-free, ventilated room.

7.3 Specific end use(s):





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8 SECTION 8: Exposure controls/personal protection:

8.1 Control parameters:

Listing of the hazardous ingredients in section 3, of which the workplace exposure limit values are known
/

8.2 Exposure controls:

Inhalation protection:	Use with sufficient exhaust ventilation. If necessary, use an air-purifying face mask in case of respiratory hazards. Use the ABEK type as protection against these troublesome levels.	
Skin protection:	Handling with nitril-gloves (EN 374). Breakthrough time: >480' Material thickness: 0,35 mm. Thoroughly check gloves before use. Take off the gloves properly without touching the outside with your bare hands. The manufacturer of the protective gloves has to be consulted about the suitability for a specific work station. Wash and dry your hands.	
Eye protection:	Keep an eye-rinse bottle within reach. Tight-fitting safety goggles. Wear a face shield and protective suit in case of exceptional processing problems.	
Other protection:	Wear impermeable clothing. The type of protective equipment depends on the concentration and amount of hazardous substances at the work station in question.	
Environmental controls:	Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions. For further information, check sections 6 and 13.	
Engineering controls:	The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Adequate ventilation should be provided so that exposure limits are not exceeded. For further information, check section 7.	

9 SECTION 9: Physical and chemical properties:

9.1 Information on basic physical and chemical properties:

Physical state, 20°C:	Liquid
Colour:	colourless
Odour:	characteristic
Melting point/freezing point:	/
Boiling point/Boiling range:	94 °C — 211 °C
Flammability (solid, gas):	Not applicable
Lower explosive limit, (Vol %):	/
Upper explosive limit, (Vol %):	/
Flash point:	/
Auto-ignition temperature:	/
Decomposition temperature:	/
pH:	7.5
pH 1% diluted in water:	/
Kinematic viscosity, 40°C:	1 mm ² /s
Solubility in water:	Not soluble
Partition coefficient: n-octanol /water (logvalue):	Not applicable
Vapour pressure, 20°C,:	2,332 Pa
Relative density, 20°C:	1.0681 kg/l
Vapour density:	Not applicable
Particle characteristics:	/

9.2 Other information:

Dynamic viscosity, 20°C:	1 mPa.s
Sustained combustion test:	/
Evaporation rate (n-BuAc = 1):	0.300
Volatile organic component (VOC):	/
Volatile organic component (VOC):	2.136 g/l

10 SECTION 10: Stability and reactivity:

10.1 Reactivity:

Stable under normal conditions.

10.2 Chemical stability:

Extremely high or low temperatures.

10.3 Possibility of hazardous reactions:

None

10.4 Conditions to avoid:

Protect from sunlight and do not expose to temperatures exceeding + 50°C.

10.5 Incompatible materials:

Oxidants, alkalines

10.6 Hazardous decomposition products:

Under recommended usage conditions, hazardous decomposition products are not expected.

11 SECTION 11: Toxicological information:

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

a) acute toxicity:

H302 Acute tox. 4: Harmful if swallowed.

Calculated acute toxicity, ATE oral: 731,396 mg/kg

Calculated acute toxicity, ATE dermal: > 2 000 mg/kg

Sodium mercaptoacetate	LD50 oral, rat: LD50 dermal, rabbit: LC50, Inhalation, rat, 4h:	100 mg/kg 1 100 mg/kg ≥ 50 mg/l
salicylic acid	LD50 oral, rat: LD50 dermal, rabbit: LC50, Inhalation, rat, 4h:	891 mg/kg ≥ 5 000 mg/kg ≥ 50 mg/l

b) skin corrosion/irritation:

Not classified according to the CLP calculation method

c) serious eye damage/irritation:

H319 Eye Irrit. 2: Causes serious eye irritation.

d) respiratory or skin sensitisation:

H317 Skin Sens. 1B: May cause an allergic skin reaction.

e) germ cell mutagenicity:

Not classified according to the CLP calculation method

f) carcinogenicity:

Not classified according to the CLP calculation method

g) reproductive toxicity:

Not classified according to the CLP calculation method

h) STOT-single exposure:

Not classified according to the CLP calculation method

i) STO-repeated exposure:

Not classified according to the CLP calculation method

j) aspiration hazard:

Not classified according to the CLP calculation method

11.2 Information on other hazards:

No additional data available

12 SECTION 12: Ecological information:

12.1 Toxicity:

salicylic acid	EC50 (Daphnia):	870 mg/L (48h)
	EC50 (Algae):	> 100 mg/L (48h)

12.2 Persistence and degradability:

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC)No.648/2004 on detergents.

12.3 Bioaccumulative potential:

No additional data available

12.4 Mobility in soil:

Water hazard class, WGK (AwSV): 1
Solubility in water: not soluble

12.5 Results of PBT and vPvB assessment:

No additional data available

12.6 Endocrine disrupting properties:

No additional data available

12.7 Other adverse effects:

No additional data available

13 SECTION 13: Disposal considerations:

13.1 Waste treatment methods:

The product may be discharged in the indicated percentages of utilization, provided it is neutralised to pH 7. Possible restrictive regulations by local authority should always be adhered to.

14 SECTION 14: Transport information:

14.1 UN number or ID number:

Not applicable

14.2 UN proper shipping name:

ADR, IMDG, ICAO/IATA not applicable

14.3 Transport hazard class(es):

Class(es): Not applicable
Identification number of the hazard: Not applicable

14.4 Packing group:

Not applicable

14.5 Environmental hazards:

Not dangerous to the environment

14.6 Special precautions for user:

Hazard characteristics: Not applicable

Additional guidance: Not applicable

14.7 Maritime transport in bulk according to IMO instruments:

Not applicable

15 SECTION 15: Regulatory information:

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

Water hazard class, WGK (AwSV):	1
Volatile organic component (VOC):	/
Volatile organic component (VOC):	2.136 g/l
Composition by regulation (EC) 648/2004:	Nonionic surfactants < 5% , Anionic surfactants < 5%, Preservatives (Salicylic Acid)

15.2 Chemical Safety Assessment:

No data available

16 SECTION 16: Other information:

Legend to abbreviations used in the safety data sheet:

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

ATE: Acute Toxicity Estimate

BCF: Bioconcentration factor

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging of chemicals

EINECS: European Inventory of Existing commercial Chemical Substances

LC50: median Lethal Concentration for 50% of subjects

LD50: median Lethal Dose for 50% of subjects

Nr.: Number

PTB: Persistent, Toxic, Bioaccumulative

STOT: Specific Target Organ Toxicity

UFI: Unique Formula Identifier

vpvB: very Persistent and very Bioaccumulative substances

WGK: Water hazard class

WGK 1: Slightly hazardous for water

WGK 2: Hazardous for water

WGK 3: Extremely hazardous for water

Legend to the H Phrases used in the safety data sheet:

H290 Met. Corr. 1: May be corrosive to metals. **H301 Acute tox. 3:** Toxic if swallowed. **H302 Acute tox. 4:** Harmful if swallowed. **H312 Acute tox. 4:** Harmful in contact with skin. **H317 Skin Sens. 1B:** May cause an allergic skin reaction. **H318 Eye Dam. 1:** Causes serious eye damage. **H319 Eye Irrit. 2:** Causes serious eye irritation. **H361d Repr. 2:** Suspected of damaging the unborn child.

CLP Calculation method:

Calculation method

Reason of revision, changes of following items:

None

SDS reference number

ECM-7559,00

17 SECTION 17 Producer:

Carcosmetix BV
Nijverheidslaan 1
8880 Ledegem

This safety information sheet has been compiled in accordance with annex II/A of the regulation (EU) No 2020/878. Classification has been calculated in accordance with European regulation 1272/2008 with their respective amendments. It has been compiled with the utmost care. We cannot, however, accept responsibility for damage, of any kind, that may be caused by using these data or the product concerned. To use this preparation for an experiment or a new application, the user must carry out a material suitability and safety study himself.