SAFETY DATA SHEET Iron Active Wheel Cleaner

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

1.1. Product identifier

Product name Iron Active Wheel Cleaner

Product number SAPP0179A, HAPP0116A, HAPP0116B, SAPP0179B

Internal identification NQA2440

UFI: VGR6-U0SP-200E-ED3D

EU REACH registration notes This is a MIXTURE; no registration information contained in this document. Holts are classed

as Downstream User.

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

Identified uses Car maintenance product. Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier Holt Lloyd Services

52 Rue des 40 Mines, 60000 - Allonne, France

Phone: +33 (0)3 64 99 00 32

info@holtsauto.com

Contact person Contact email address: info@holtsauto.com

Manufacturer Holt Lloyd International Ltd

Barton Dock Road

Stretford Manchester

M32 0YQ - England, UK +44 (0) 161 866 4800 FAX +44 (0) 161 866 4854

www.holtsauto.com

1.4. Emergency telephone number

Emergency telephone UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs

Iron Active Wheel Cleaner

National emergency telephone +43 1 31304 5620; chemikalien@umweltbundesamt.at (Austria)

number +32022649636; info@poisoncentre.be (Belgium)

+359 2 9154 409; poison_centre@mail.orbitel.bg (Bulgaria)

+38514686910; toksikologija@hzjz.hr (Croatia)

+35722405611; cy-chemregistry@dli.mlsi.gov.cy (Cyprus)

+420267082257; biocidy@mzcr.cz (Czech Republic)

+45 72 54 40 00; mst@mst.dk (Denmark)

+372 794 3500; clp@terviseamet.ee, info@terviseamet.ee (Estonia)

+358 5052 000; kirjaamo@tukes.fi (Finland) + 33 3 83 85 21 92; bnpc@chru-nancy.fr (France) +49-30-18412-0; bfr@bfr.bund.de (Germany)

+302106479250; +302106479450; devxp.gcsl@aade.gr, environment.gcsl@aade.gr (Greece)

+36 (1) 476 1135; clp.ca@nnk.gov.hu (Hungary) +354 543 22 22; eitur@landspitali.is (Iceland)

+353 (1) 809 2166 / +353 (1) 809 2566; chemicalsinfo@beaumont.ie (Ireland)

+390649906140; inscweb@iss.it (Italy) +371 67032600; lvgmc@lvgmc.lv (Latvia) +370 70662008; aaa@aaa.am.lt (Lithuania)

+320 22649636; +352 24785551; info@poisoncentre.be; direction-sante@ms.etat.lu

(Luxembourg)

+356 2395 2000; info@mccaa.org.mt (Malta)

+31 88 75 585 61; productnotificatie@umcutrecht.nl (The Netherlands)

+4573580500; produktregisteret@miljodir.no / +47 21 07 70 00; folkehelseinstituttet@fhi.no (Norway)

+48 42 2538 400; biuro@chemikalia.gov.pl (Poland)

+351 800 250 250; ciav.tox@inem.pt (Portugal)

+40213183606; infotox@insp.gov.ro (Romania)

+7 495 621 6885; +7 495 628 1687; rtiac@mail.ru; rtiac2003@yahoo.com (Russia)

+421 2 5465 2307; ntic@ntic.sk (Slovakia) + 386 1 522 1293; gp.ukc@kclj.si (Slovenia) +34 917689800; intcf.doc@justicia.es (Spain)

+46104566750; giftinformation@gic.se (Sweden)

+44 121 507 4123; allistervale@npis.org, sallybradberry@npis.org (UK)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Eye Dam. 1 - H318 Skin Sens. 1 - H317

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms





Signal word Danger

Hazard statements H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

Iron Active Wheel Cleaner

Precautionary statements P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children. P261 Avoid breathing vapour/ spray.

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

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.

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

P361+P364 Take off immediately all contaminated clothing and wash it before reuse.

P501 Dispose of contents/ container in accordance with national regulations.

UFI: VGR6-U0SP-200E-ED3D

Contains Sodium Thioglycolate, Sodium lauryl ether sulphate

Detergent labelling < 5% anionic surfactants, Contains Benzylhemiformal

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Sodium Thioglycolate 5-10%

CAS number: 367-51-1 EC number: 206-696-4

Classification

Met. Corr. 1 - H290 Acute Tox. 3 - H301 Acute Tox. 4 - H312 Skin Sens. 1B - H317

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

1-5%

Classification

Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412

Sodium N-Lauroyl Sarcosinate

<1%

CAS number: 137-16-6 EC number: 205-281-5

Classification

Acute Tox. 2 - H330 Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Iron Active Wheel Cleaner

Benzylhemiformal <1%
CAS number: 14548-60-8 EC number: 238-588-8

Classification

Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Treat symptomatically.

Inhalation Unlikely route of exposure as the product does not contain volatile substances.

Ingestion Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.

Move affected person to fresh air and keep warm and at rest in a position comfortable for

breathing. Get medical attention if any discomfort continues.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical

attention if any discomfort continues.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of

water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort

continues.

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

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation This is unlikely to occur but symptoms similar to those of ingestion may develop.

Ingestion May cause discomfort if swallowed.

Skin contact May cause an allergic skin reaction. May cause skin irritation. Prolonged skin contact may

cause redness and irritation.

Eye contact Causes serious eye damage. Prolonged contact causes serious eye and tissue damage.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Thermal decomposition or combustion products may include the following substances: Toxic

and corrosive gases or vapours.

Hazardous combustion

products

Oxides of carbon. Oxides of nitrogen. Oxides of sulphur.

5.3. Advice for firefighters

Iron Active Wheel Cleaner

Protective actions during

firefighting

No specific firefighting precautions known.

Special protective equipment

for firefighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment. Do not discharge into drains or watercourses or onto the

ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect and place in suitable waste disposal containers and seal securely. Label the

containers containing waste and contaminated materials and remove from the area as soon

as possible. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from food, drink and animal feeding stuffs. Store in a cool and well-ventilated

place. Keep only in the original container.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3)

DNEL Workers - Inhalation; Long term systemic effects: 175 mg/m³

Workers - Dermal; Long term systemic effects: 2750 mg/kg/day

Workers - Dermal; Long term local effects: 132 µg/cm2

General population - Inhalation; Long term systemic effects: 52 mg/m³ General population - Dermal; Long term systemic effects: 1650 mg/kg/day

General population - Dermal; Long term local effects: 79 μg/cm2 General population - Oral; Long term systemic effects: 15 mg/kg/day

Iron Active Wheel Cleaner

PNEC Fresh water; 0.24 mg/l

Intermittent release; 0.071 mg/l marine water; 0.024 mg/l

STP; 10 g/l

Sediment (Freshwater); 0.917 mg/kg sediment dry weight Sediment (Marinewater); 0.092 mg/kg sediment dry weight

Soil; 7.5 mg/kg soil dry weight

Sodium N-Lauroyl Sarcosinate (CAS: 137-16-6)

DNEL Workers - Inhalation; Long term systemic effects: 70.53 mg/m³

Workers - Dermal; Long term systemic effects: 20 mg/kg bw/day

General population - Inhalation; Long term systemic effects: 17.39 mg/m³ General population - Dermal; Long term systemic effects: 10 mg/kg bw/day General population - Oral; Long term systemic effects: 10 mg/kg bw/day

PNEC Fresh water; Long term 0.009 mg/l

marine water; Long term 0.001 mg/l

STP; Long term 3 mg/l

Sediment (Freshwater); Long term 0.064 mg/kg sediment dry weight

Sediment (Marinewater); Long term 0.006 mg/l Soil; Long term 0.008 mg/kg soil dry weight

8.2. Exposure controls

Protective equipment





Appropriate engineering

controls

No specific ventilation requirements.

Eye/face protection Wear chemical splash goggles.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if

a risk assessment indicates skin contact is possible. To protect hands from chemicals, wear

gloves that are proven to be impervious to the chemical and resist degradation.

Other skin and body

protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Wash hands thoroughly after handling.

Respiratory protection Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Clear liquid.

Colour Clear.

Odour Sulphur.

pH (concentrated solution): 7

Flash point Not applicable.

Relative density 1.054 @ 20°C

Iron Active Wheel Cleaner

Solubility(ies) Miscible with water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

ReactivityThere are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous

Not applicable. Will not polymerise.

reactions

10.4. Conditions to avoid

Conditions to avoid Avoid heat. Avoid freezing.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a

hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition Does not decompose when used and stored as recommended. Oxides of carbon. Oxides of

products

nitrogen. Sulphurous gases (SOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

Notes (oral LD₅o) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 2,500.0

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

ATE dermal (mg/kg) 11,956.52

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

ATE inhalation (dusts/mists

-//

mg/l)

16.67

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisationBased on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

Iron Active Wheel Cleaner

Germ cell mutagenicity

Genotoxicity - in vitroBased on available data the classification criteria are not met.

Genotoxicity - in vivoBased on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not relevant.

Inhalation This is unlikely to occur but symptoms similar to those of ingestion may develop.

Ingestion May cause discomfort if swallowed.

Skin contact May cause an allergic skin reaction. May cause skin irritation. Prolonged and frequent contact

may cause redness and irritation.

Eye contact Causes serious eye damage. Prolonged contact causes serious eye and tissue damage.

Acute and chronic health

hazards

No specific long-term effects known.

Route of exposure Dermal

Target organs No specific target organs known.

Toxicological information on ingredients.

Sodium Thioglycolate

Acute toxicity - oral

ATE oral (mg/kg) 100.0

Acute toxicity - dermal

ATE dermal (mg/kg) 1,100.0

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Toxicological effects No information available.

Acute toxicity - oral

Acute toxicity oral (LD₅o

4,100.0

mg/kg)

Species Rat

Notes (oral LD50) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 4,100.0

Acute toxicity - dermal

Iron Active Wheel Cleaner

Acute toxicity dermal (LD₅₀ 2,000.0

mg/kg)

Species Rat

Notes (dermal LD₅o) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC50) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye Causes serious eye damage.

damage/irritation

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitroBased on available data the classification criteria are not met.

Genotoxicity - in vivoBased on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - Based on available data the classification criteria are not met.

fertility

Reproductive toxicity - Does not contain any substances known to be toxic to reproduction.

development

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not relevant.

Inhalation May cause respiratory system irritation.

Ingestion Gastrointestinal symptoms, including upset stomach.

Skin contact Causes skin irritation.

Eye contact Causes serious eye damage.

Sodium N-Lauroyl Sarcosinate

Iron Active Wheel Cleaner

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) No information available.

Acute toxicity - inhalation

Notes (inhalation LC₅o) LC50 0.05-0.5 mg/l, Inhalation, Rat

ATE inhalation 0.05

(dusts/mists mg/l)

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye Causes serious eye irritation.

damage/irritation

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo Negative.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity -

No information available.

fertility

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard Not relevant.

Benzylhemiformal

Acute toxicity - oral

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

ATE dermal (mg/kg) 1,100.0

SECTION 12: Ecological information

Iron Active Wheel Cleaner

Ecotoxicity No information available.

Ecological information on ingredients.

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Ecotoxicity Harmful to aquatic life with long lasting effects.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish No information available.

Acute toxicity - aquatic

Not available.

invertebrates

Acute toxicity - aquatic plants Not available.

Acute toxicity -

Not available.

microorganisms

Acute toxicity - terrestrial Not available.

Chronic aquatic toxicity

Chronic toxicity - fish early life Not available.

stage

Short term toxicity - embryo

and sac fry stages

Not available.

Chronic toxicity - aquatic

Not available.

invertebrates

Ecological information on ingredients.

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: > 7.1 mg/l, Fish

Acute toxicity - aquatic

invertebrates

EC₅o, 48 hours: 7.4 mg/l, Daphnia magna NOEC, 48 hours: 0.27 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC₅₀, 72 hours: 27.7 mg/l, Algae

Sodium N-Lauroyl Sarcosinate

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 107 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 29.7 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

ErC50, 72 hours: 79 mg/l, Desmodesmus subspicatus

12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

Ecological information on ingredients.

Iron Active Wheel Cleaner

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Persistence and degradability

100% 28 days Rapidly degradable

Sodium N-Lauroyl Sarcosinate

Persistence and degradability

82% 28 days Rapidly degradable

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Ecological information on ingredients.

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Bioaccumulative potential BCF: < 0.3, Fish The product does not contain any substances expected to be

bioaccumulating.

Partition coefficient log Pow: 0.3

Sodium N-Lauroyl Sarcosinate

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient log Pow: 0.37

12.4. Mobility in soil

Mobility The product contains substances which are water-soluble and may spread in water systems.

Ecological information on ingredients.

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Mobility Soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

This product does not contain any substances classified as PBT or vPvB.

assessment

Ecological information on ingredients.

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Results of PBT and vPvB

This product does not contain any substances classified as PBT or vPvB.

assessment

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methodsDispose of waste to licensed waste disposal site in accordance with the requirements of the

local Waste Disposal Authority.

SECTION 14: Transport information

Iron Active Wheel Cleaner

General The product is not covered by international regulations on the transport of dangerous goods

(IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009

No. 716).

Authorisations (SI 2020 No.

1577 Annex XIV)

No specific authorisations are known for this product.

Restrictions (SI 2020 No.

No specific restrictions on use are known for this product.

1577 Annex XVII)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Iron Active Wheel Cleaner

Abbreviations and acronyms used in the safety data sheet

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.

ATE: Acute Toxicity Estimate.
BOD: Biochemical Oxygen Demand.
CAS: Chemical Abstracts Service.
DNEL: Derived No Effect Level.

EC₅o: 50% of maximal Effective Concentration.

GHS: Globally Harmonized System.

IARC: International Agency for Research on Cancer.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

LC50: Lethal Concentration to 50 % of a test population.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

LOAEC: Lowest Observed Adverse Effect Concentration.

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 and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

SVHC: Substances of Very High Concern.

UVCB - Unknown or variable composition, complex reaction products or Biological materials.

vPvB: Very Persistent and Very Bioaccumulative.

Revision date 03/08/2022

Revision 3

Supersedes date 01/02/2021

SDS number 21754

Hazard statements in full H290 May be corrosive to metals.

H301 Toxic if swallowed. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.