

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	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	he 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

National emergency telephone number	 +43 1 31304 5620; chemikalien@umweltbundesamt.at (Austria) +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) +390649906140; inscweb@iss.it (Italy) +371 67032600; lvgmc@lygmc.lv (Latvia) +370 70662008; aaa@aaa.am.lt (Lithuania) +320 22649636; +352 24785551; info@poisoncentre.be; direction-sante@ms.etat.lu (Luxembourg) +356 538 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; infotx@insp.gov.ro (Romania) +7 495 621 6885; +7 495 628 1687; ritac@mail.ru; ritac2003@yahoo.com (Russia)
	+351 800 250 250; ciav.tox@inem.pt (Portugal) +40213183606; infotox@insp.gov.ro (Romania)

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.	

2/14

H317 May cause an allergic skin reaction.

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	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, si	ulfates, sodium salts	1-5%
CAS number: 68891-38-3	EC number: 500-234-8	
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		

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 state	ements is displayed in Section 16.
SECTION 4: First aid measure	98
4.1. Description of first aid me	asures
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 immedia	te medical attention and special treatment needed
Notes for the doctor	Treat symptomatically.
SECTION 5: Firefighting meas	sures
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	om 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

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	e measures	
6.1. Personal precautions, pro	tective equipment and emergency procedures	
Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.	
6.2. Environmental precaution	<u>s</u>	
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 sto	rage	
7.1. Precautions for safe handling		
Usage precautions	Avoid spilling. Avoid contact with skin and eyes.	
7.2. Conditions for safe storag	e, 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 control	s/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/m ³ 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/m ³ 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	

PNEC	Fresh water; 0.24 mg/l	
	Intermittent release; 0.071 mg/l	
	marine water; 0.024 mg/l STP; 10 g/l	
	Str, to g/i 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/m ³ Workers - Dermal; Long term systemic effects: 20 mg/kg bw/day General population - Inhalation; Long term systemic effects: 17.39 mg/m ³ 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 phy	ysical and chemical properties	
Appearance	Clear liquid.	

Appearance	Clear liquid.
Colour	Clear.
Odour	Sulphur.
рН	pH (concentrated solution): 7
Flash point	Not applicable.
Relative density	1.054 @ 20°C

Solubility(ies)	Miscible with water.
9.2. Other information	
SECTION 10: Stability and rea	activity
10.1. Reactivity	
Reactivity	There 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 reactions	Not applicable. Will not polymerise.
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 decompositio	on products
Hazardous decomposition products	Does not decompose when used and stored as recommended. Oxides of carbon. Oxides of nitrogen. Sulphurous gases (SOx).
SECTION 11: Toxicological in	formation
11.1. Information on toxicolog	ical effects
Toxicological effects	No information available.
Acute toxicity - oral	
Notes (oral LD₅₀)	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 LC ₅₀)	Based on available data the classification criteria are not met.
ATE inhalation (dusts/mists mg/l)	16.67
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 sensitisation	Based on available data the classification criteria are not met.
Skin sensitisation Skin sensitisation	May cause an allergic skin reaction.

Germ cell mutagenicity		
Genotoxicity - in vitro	Based on available data the classification criteria are not met.	
Genotoxicity - in vivo	Based 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 (LD₅₀ mg/kg)	4,100.0
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	

Acute toxicity dermal (LD₅ mg/kg)	2,000.0
Species	Rat
Notes (dermal LD ₅₀)	Based on available data the classification criteria are not met.
Acute toxicity - inhalation	
Notes (inhalation LC ₅₀)	Based on available data the classification criteria are not met.
Skin corrosion/irritation	
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	on
Serious eye damage/irritation	Causes serious eye damage.
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 vitro	Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Based 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.
Reproductive toxicity - development	Does not contain any substances known to be toxic to reproduction.
Specific target organ toxicit	y - single exposure
STOT - single exposure	Based on available data the classification criteria are not met.
Specific target organ toxicit	y - 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

:	Acute toxicity - oral	
	Notes (oral LD ₅₀)	LD₅₀ > 5000 mg/kg, Oral, Rat
:	Acute toxicity - dermal	
	Notes (dermal LD₅₀)	No information available.
:	Acute toxicity - inhalation	
	Notes (inhalation LC₅₀)	LC50 0.05-0.5 mg/l, Inhalation, Rat
	ATE inhalation (dusts/mists mg/l)	0.05
	Skin corrosion/irritation	
	Skin corrosion/irritation	Not irritating.
	Serious eye damage/irritatio	<u>on</u>
	Serious eye damage/irritation	Causes serious eye 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 - fertility	No information available.
	Specific target organ toxicity	y - 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	

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 invertebrates	Not available.
Acute toxicity - aquatic plants	Not available.
Acute toxicity - microorganisms	Not available.
Acute toxicity - terrestrial	Not available.
Chronic aquatic toxicity Chronic toxicity - fish early life stage	Not available.
Short term toxicity - embryo and sac fry stages	Not available.
Chronic toxicity - aquatic invertebrates	Not available.

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	EC₅₀, 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 aquatic toxicity Acute toxicity - fish	LC₅₀, 96 hours: 107 mg/l, Brachydanio rerio (Zebra Fish)
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12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

Ecological information on ingredients.

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

	Persistence and egradability	100% 28 days Rapidly degradable
		Sodium N-Lauroyl Sarcosinate
	ersistence and egradability	82% 28 days Rapidly degradable
12.3. Bioaccur	nulative potential	
Bioaccumulativ	ve potential The proc	duct is not bioaccumulating.
Ecological info	rmation on ingredients.	
		Alcohols, C12-14, ethoxylated, sulfates, sodium salts
В	ioaccumulative potential	BCF: < 0.3, Fish The product does not contain any substances expected to be bioaccumulating.
P	Partition coefficient	log Pow: 0.3
		Sodium N-Lauroyl Sarcosinate
В	ioaccumulative potential	Bioaccumulation is unlikely.
Р	artition coefficient	log Pow: 0.37
12.4. Mobility i	n soil	
Mobility	The pro	duct contains substances which are water-soluble and may spread in water systems.
Ecological info	rmation on ingredients.	
		Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Ν	lobility	Soluble in water.
	of PBT and vPvB assessn	nent
Results of PB1 assessment	Tand vPvB This pro	duct does not contain any substances classified as PBT or vPvB.
Ecological info	rmation on ingredients.	
		Alcohols, C12-14, ethoxylated, sulfates, sodium salts
-	tesults of PBT and vPvB ssessment	This product does not contain any substances classified as PBT or vPvB.
12.6. Other ad	verse effects	
Other adverse	effects None kn	iown.
SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Disposal meth		of waste to licensed waste disposal site in accordance with the requirements of the aste Disposal Authority.
SECTION 14: Transport information		

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 on use are known for this product. Restrictions (SI 2020 No. 1577 Annex XVII) No specific restrictions on use are known for this product. 15.2. Chemical safety assessment The chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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. EC ₃₆ : 50% of maximal Effective Concentration. GHS: Globally Harmonized System. IARC: International Agency for Research on Cancer. IATA: International Agency for Research on Cancer. IATA: International Agency for Research on Cancer. IATA: International Agency for Research on Cancer. 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. LD30: Lethal Dose to 50% of a test population. LD30: Lethal Dose to 50% of a test population. LOAEC: Lowest Observed Adverse Effect Concentration. LOAEC: Lowest Observed Adverse Effect Level. NOAEC: No Observed Adverse Effect Level. NOAEC: No Observed Adverse Effect Level. NOAEL: No Observed Adverse 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.