



Prestone



SAFETY DATA SHEET Holts White Grease Aero

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

1.1. Product identifier

Product name	Holts White Grease Aero
Product number	HMTN0017A
Internal identification	NQA2405
UFI	UFI: GGN6-40MS-C003-9EQ4
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. Grease.

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

Holts White Grease Aero

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.gcs@aade.gr, environment.gcs@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 (EC 1272/2008)

Physical hazards	Aerosol 1 - H222, H229
Health hazards	Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411

2.2. Label elements

Hazard pictograms



Signal word

Danger

Holts White Grease Aero

Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P261 Avoid breathing spray. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents/ container in accordance with national regulations.
UFI	UFI: GGN6-40MS-C003-9EQ4
Contains	Naphtha (petroleum), hydrotreated light

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Naphtha (petroleum), hydrotreated light	30-60%
CAS number: 64742-49-0 EC number: 265-151-9	REACH registration number: 01-2119475133-43-XXXX
Classification	
Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC; BASEOIL - U	10-30%
CAS number: 64742-52-5 EC number: 265-155-0	REACH registration number: 01-2119467170-45-XXXX
Classification	
Not Classified	

Holts White Grease Aero

BUTANE	10-30%
CAS number: 106-97-8	EC number: 203-448-7
	REACH registration number: 01-2119474691-32-XXXX
Classification	
Flam. Gas 1A - H220	
Press. Gas	
PROPANE	5-10%
CAS number: 74-98-6	EC number: 200-827-9
	REACH registration number: 01-2119486944-21-XXXX
Classification	
Flam. Gas 1A - H220	
ISOBUTANE	5-10%
CAS number: 75-28-5	EC number: 200-857-2
	REACH registration number: 01-2119485395-27-XXXX
Classification	
Flam. Gas 1A - H220	
Press. Gas	
Titanium Dioxide	<1%
CAS number: 13463-67-7	EC number: 236-675-5
	REACH registration number: 01-2119489379-17-XXXX
Classification	
Carc. 2 - H351	

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	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting.
Skin contact	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes and get medical attention.

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

Holts White Grease Aero

Inhalation	Vapours may cause headache, fatigue, dizziness and nausea. May cause eye and respiratory system irritation. Symptoms following overexposure may include the following: Headache.
Ingestion	May cause discomfort if swallowed.
Skin contact	Causes skin irritation. Prolonged contact may cause burns.
Eye contact	May be slightly irritating to eyes. Prolonged or repeated exposure may cause severe irritation.

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	Use fire-extinguishing media suitable for the surrounding fire. Extinguish with foam, carbon dioxide, dry powder or water fog.
-------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

5.2. Special hazards arising from the substance or mixture

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up.
Hazardous combustion products	Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting	Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
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	Avoid inhalation of vapours and contact with skin and eyes.
-----------------------------	-------------------------------------------------------------

6.2. Environmental precautions

Environmental precautions	Avoid release to the environment.
----------------------------------	-----------------------------------

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation.
--------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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	Keep away from heat, sparks and open flame. Avoid spilling. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Use approved respirator if air contamination is above an acceptable level. Avoid release to the environment. Do not expose to temperatures exceeding 50°C/122°F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
--------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Do not expose to temperatures exceeding 50°C/122°F.
----------------------------	-----------------------------------------------------

Holts White Grease Aero

Storage class Flammable compressed gas storage. Aerosol containers and lighters

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

Occupational exposure limits

BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m³

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

ISOBUTANE

Long-term exposure limit (8-hour TWA): OES 800 ppm

Short-term exposure limit (15-minute): OES 800 ppm

WEL = Workplace Exposure Limit.

Naphtha (petroleum), hydrotreated light (CAS: 64742-49-0)

DNEL

Workers - Inhalation; Long term systemic effects: 5306 mg/m³

Workers - Dermal; Long term systemic effects: 13964 mg/kg/day

General population - Inhalation; Long term systemic effects: 1131 mg/m³

General population - Dermal; Long term systemic effects: 1377 mg/kg/day

General population - Oral; Long term systemic effects: 1301 mg/kg/day

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC; BASEOIL - U (CAS: 64742-52-5)

DNEL

Workers - Inhalation; Long term systemic effects: 2.73 mg/m³

Workers - Inhalation; Long term local effects: 5.58 mg/m³

Workers - Dermal; Long term systemic effects: 0.97 mg/kg bw/day

General population - Oral; Long term systemic effects: 0.74 mg/kg bw/day

Calcium Carbonate (CAS: 471-34-1)

DNEL

Workers - Inhalation; Long term local effects: 6.36 mg/m³

General population - Inhalation; Long term local effects: 1.06 mg/m³

General population - Oral; Long term systemic effects: 6.1 mg/kg/day

General population - Oral; Short term Acute: 6.1 mg/kg/day

PNEC

STP; 100 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Holts White Grease Aero

Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Rubber (natural, latex). To protect hands from chemicals, gloves should comply with European Standard EN374.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Hygiene measures	Do not eat, drink or smoke when using this product. Promptly remove any clothing that becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.
Respiratory protection	Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Off-white.
Odour	Solvent.
Flash point	< 20°C Closed cup.
Relative density	0.80 @ 20°C
Solubility(ies)	Immiscible with water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
-------------------	---------------------------------------------------------------------

10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
------------------	----------------------------------------

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
-------------------------------------------	-------------------------------------------

10.4. Conditions to avoid

Conditions to avoid	Avoid exposing aerosol containers to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition.
----------------------------	------------------------------------------------------------------------------------------------------------------------------

10.5. Incompatible materials

Materials to avoid	Strong oxidising agents. Strong mineral acids.
---------------------------	------------------------------------------------

10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Acrid smoke or fumes. Oxides of carbon.
-----------------------------------------	----------------------------------------------------------------------------------------------------------------------------

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Information given is based on data of the components and of similar products.
------------------------------	-------------------------------------------------------------------------------

Acute toxicity - oral

Holts White Grease Aero

Notes (oral LD₅₀)	Based on available data the classification criteria are not met.
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	Based on available data the classification criteria are not met.
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	Based on available data the classification criteria are not met.
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Causes skin irritation.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Based on available data the classification criteria are not met.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	Based on available data the classification criteria are not met.
<u>Skin sensitisation</u>	
Skin sensitisation	Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
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.
<u>Carcinogenicity</u>	
Carcinogenicity	Based on available data the classification criteria are not met.
<u>Reproductive toxicity</u>	
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.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	May cause drowsiness or dizziness.
Target organs	Central nervous system
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Based on available data the classification criteria are not met.
<u>Aspiration hazard</u>	
Aspiration hazard	Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
Inhalation	Vapours may cause headache, fatigue, dizziness and nausea. Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations. May cause eye and respiratory system irritation. Symptoms following overexposure may include the following: Headache.
Ingestion	May cause discomfort if swallowed.
Skin contact	Causes skin irritation.
Eye contact	May be slightly irritating to eyes. Prolonged or repeated exposure may cause severe irritation.
Route of exposure	Inhalation Skin and/or eye contact
<u>Toxicological information on ingredients.</u>	

Holts White Grease Aero

Naphtha (petroleum), hydrotreated light

Acute toxicity - oral

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

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ > 5610 mg/m³, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

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

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo Negative.

Carcinogenicity

Carcinogenicity NOAEC 9869 mg/m³, Inhalation, Rat Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Fertility, Two-generation study - NOAEC 20000 mg/m³, Inhalation, Rat F2a Based on available data the classification criteria are not met.

Reproductive toxicity - development Developmental toxicity: - NOAEC: 23900 mg/m³, Inhalation, Rat Developmental toxicity: - NOAEL: 500 mg/kg bw/day, Dermal, Rat Does not contain any substances known to be toxic to reproduction.

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 May be fatal if swallowed and enters airways.

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC; BASEOIL - U

Acute toxicity - oral

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

Acute toxicity - dermal

Holts White Grease Aero

Notes (dermal LD₅₀)	LD ₅₀ > 2000 mg/kg, Dermal, Rat
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	LC ₅₀ > 5 mg/l, Inhalation, Rat
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Not irritating.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Based on available data the classification criteria are not met.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	No information available.
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Negative.
Genotoxicity - in vivo	Negative.
<u>Carcinogenicity</u>	
Carcinogenicity	May cause cancer.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Two-generation study - NOAEL 1000 mg/kg/day, Oral, Rat F0 This substance has no evidence of toxicity to reproduction.
Reproductive toxicity - development	Maternal toxicity: - LOAEL: 125 mg/kg/day, Oral, Rat Teratogenicity: - NOAEL: 2000 mg/kg/day, Oral, Rat No evidence of reproductive toxicity in animal studies.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Based on available data the classification criteria are not met.
<u>Aspiration hazard</u>	
Aspiration hazard	Not relevant.

BUTANE

<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD₅₀ mg/kg)	5,000.0
Species	Rat

PROPANE

<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD₅₀ mg/kg)	5,000.0
Species	Rat

Holts White Grease Aero

ATE oral (mg/kg) 5,000.0

ISOBUTANE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

ATE oral (mg/kg) 5,000.0

Calcium Carbonate

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rat

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LD₅₀ > 3 mg/l, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation No adverse effect observed (not irritating)

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro No adverse effects observed (negative)

Genotoxicity - in vivo No information available.

Carcinogenicity

Carcinogenicity No specific test data are available. Scientifically unjustified.

Reproductive toxicity

Reproductive toxicity - fertility Two-generation study - NOAEL > 1000 mg/kg/day, Oral, Rat F1 Based on available data the classification criteria are not met.

Reproductive toxicity - development No adverse effects observed.

Specific target organ toxicity - single exposure

STOT - single exposure Conclusive data but not sufficient for classification.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Conclusive data but not sufficient for classification.

Holts White Grease Aero

Aspiration hazard

Aspiration hazard Classification not possible.

Titanium Dioxide

Acute toxicity - oral

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

Acute toxicity - dermal

Notes (dermal LD₅₀) No specific test data are available. Scientifically unjustified. REACH dossier information.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC50 > 6.82 mg/l, Inhalation, Rat REACH dossier information.

Skin corrosion/irritation

Skin corrosion/irritation No adverse effect observed (not irritating)

Serious eye damage/irritation

Serious eye damage/irritation No adverse effect observed (not irritating)

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro No adverse effects observed (negative)

Genotoxicity - in vivo No adverse effects observed (negative)

Carcinogenicity

Carcinogenicity NOEL > 7500 mg/kg/day, Oral, Mouse No adverse effects observed.

Reproductive toxicity

Reproductive toxicity - fertility One-generation study - NOAEL > 1000 mg/kg/day, Oral, Rat F1 No adverse effects observed. Based on available data the classification criteria are not met.

Reproductive toxicity - development Maternal toxicity: - NOAEL: > 1000 mg/kg/day, Oral, Rat

Specific target organ toxicity - single exposure

STOT - single exposure Conclusive data but not sufficient for classification.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Conclusive data but not sufficient for classification.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

SECTION 12: Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Holts White Grease Aero

Ecological information on ingredients.

Naphtha (petroleum), hydrotreated light

Acute aquatic toxicity

Acute toxicity - fish

LL₅₀, 96 hours: 10 mg/l, Oncorhynchus mykiss (Rainbow trout)

LL₅₀, 96 hours: 8.2 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates

EL50, 48 hours: 4.5 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EL50, 72 hours: 3.1 mg/l, Pseudokirchneriella subcapitata

NOELR, 72 hours: 0.5 mg/l, Pseudokirchneriella subcapitata

Acute toxicity - microorganisms

EC₅₀, 40 hours: 15.41 mg/l, Tetrahymena pyriformis

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates

NOELR, 21 days: 2.6 mg/l, Daphnia magna

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC; BASEOIL - U

Acute aquatic toxicity

Acute toxicity - fish

LL₅₀, 96 hours: 100 mg/l, Pimephales promelas (Fat-head Minnow)

NOEL, 96 hours: 100 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates

EL50, 48 hours: > 10000 mg/l, Daphnia magna

NOEL, 48 hours: 1000 mg/l, Daphnia magna

LL₅₀, 96 hours: > 10000 mg/l, Gammarus pulex

NOEL, 96 hours: 10000 mg/l, Gammarus pulex

Acute toxicity - aquatic plants

NOEL, 72 hours: 100 mg/l, Pseudokirchneriella subcapitata

Acute toxicity - microorganisms

NOEL, 4 days: > 1.93 mg/l, Photobacterium phosphoreum luminescence inhibition study

Read-across data.

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates

NOEL, 21 days: 10 mg/l, Daphnia magna

Calcium Carbonate

Acute aquatic toxicity

Acute toxicity - fish

LC₅₀, 96 hours: > 100 % v/v saturated solution, Oncorhynchus mykiss (Rainbow trout)

NOEC, 96 hours: 100 % v/v saturated solution, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: > 100 % v/v saturated solution, Daphnia magna

NOEC, 48 hours: 100 % v/v saturated solution, Daphnia magna

Acute toxicity - aquatic plants

ErC50, 72 hours: > 14 mg/l, Desmodesmus subspicatus

NOErC, 72 hours: 14 mg/l, Desmodesmus subspicatus

Acute toxicity - microorganisms

EC₅₀, 3 hours: > 1000 mg/l, Activated sludge

NOEC, 3 hours: 1000 mg/l, Activated sludge

Holts White Grease Aero

Acute toxicity - terrestrial LC₅₀, 14 days: > 1000 mg/kg, Eisenia Fetida (Earthworm)
NOEC, 14 days: 1000 mg/kg, Eisenia Fetida (Earthworm)

Titanium Dioxide

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: > 100 - > 1000 mg/l, Oncorhynchus mykiss (Rainbow trout),
Pimephales promelas (Fat-head Minnow)
LC₅₀, 96 hours: > 10000 mg/l, Cyprinodon variegatus (Sheepshead minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: > 100 - > 1000 mg/l, Daphnia magna
LC₅₀, 48 hours: > 10000 mg/l, Acartia tonsa

Acute toxicity - aquatic plants EC₅₀, 72 hours: > 100 mg/l, Pseudokirchneriella subcapitata
EC₅₀, 72 hours: > 10000 mg/l, Skeletonema costatum

Acute toxicity - microorganisms NOEC, 3 hours: > 1000 mg/l, Activated sludge

Acute toxicity - terrestrial NOEC, 28 days: > 1000 mg/kg, Eisenia Fetida (Earthworm)
NOEC, 28 days: 0.1 %, Folsomia candida
LOEC, 28 days: 0.3 %, Folsomia candida

Chronic aquatic toxicity

Chronic toxicity - fish early life stage LC₅₀, 14 days: > 0.87 - > 1.1 mg/l, Oncorhynchus mykiss (Rainbow trout), Danio rerio

Chronic toxicity - aquatic invertebrates NOEC, 21 days: > 10 mg/l, Daphnia magna

12.2. Persistence and degradability

Ecological information on ingredients.

Naphtha (petroleum), hydrotreated light

Biodegradation Inherently biodegradable.

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC; BASEOIL - U

Persistence and degradability Not readily biodegradable.

Calcium Carbonate

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

Titanium Dioxide

Persistence and degradability The product contains mainly inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Ecological information on ingredients.

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC; BASEOIL - U

Partition coefficient Not applicable.

Holts White Grease Aero

Calcium Carbonate

Bioaccumulative potential Bioaccumulation is unlikely.

Titanium Dioxide

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient No specific test data are available. Scientifically unjustified. REACH dossier information.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Ecological information on ingredients.

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC; BASEOIL - U

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

Calcium Carbonate

Results of PBT and vPvB assessment Substance is inorganic. Not relevant.

Titanium Dioxide

Results of PBT and vPvB assessment Not relevant.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers must not be punctured or incinerated because of the risk of an explosion.

SECTION 14: Transport information

General As supplied, this product is consigned under the Limited Quantities provisions.

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

UN No. (ADN) 1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS (CONTAINS Naphtha (petroleum), hydrotreated light)

Holts White Grease Aero

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

Transport labels



14.4. Packing group

ADR/RID packing group	None
IMDG packing group	None
ICAO packing group	None
ADN packing group	None

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

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).
----------------------	-------------------------------------------------------------------------------------------------

Holts White Grease Aero

EU legislation

Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

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 (as amended).

Commission Regulation (EU) No 453/2010 of 20 May 2010.

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Authorisations (Annex XIV Regulation 1907/2006)

No specific authorisations are known for this product.

Restrictions (Annex XVII Regulation 1907/2006)

No specific restrictions on use are known for this product.

15.2. 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.

BCF: Bioconcentration Factor.

BOD: Biochemical Oxygen Demand.

CAS: Chemical Abstracts Service.

DNEL: Derived No Effect Level.

EC₅₀: 50% of maximal Effective Concentration.

GHS: Globally Harmonized System.

IARC: International Agency for Research on Cancer.

IATA: International Air Transport Association.

IBC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).

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

IMDG: International Maritime Dangerous Goods.

Kow: Octanol-water partition coefficient.

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

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.

NOAEC: No Observed Adverse Effect Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

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

SVHC: Substances of Very High Concern.

UN: United Nations.

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

vPvB: Very Persistent and Very Bioaccumulative.

Holts White Grease Aero

Classification procedures according to Regulation (EC) 1272/2008	Aerosol 1 - H222, H229: Calculation method. Skin Irrit. 2 - H315: Calculation method. STOT SE 3 - H336: Calculation method. Asp. Tox. 1 - H304: Expert judgement.
Issued by	Regulatory Specialist
Revision date	01/02/2022
Revision	2
Supersedes date	14/04/2021
SDS number	21863
Hazard statements in full	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H229 Pressurised container: may burst if heated. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.