



Prestone



SAFETY DATA SHEET Holts Start Pilote

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

1.1. Product identifier

| | |
|---------------------------------|---|
| Product name | Holts Start Pilote |
| Product number | HSTA0001A, 71011010022, 71011010033, 71011300048, 71011300033, 71011290002, HSTA0002A |
| 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. |
|------------------------|--------------------------|

1.3. Details of the supplier of the safety data sheet

| | |
|-----------------------|---|
| Supplier | A Holts Car Care Product 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 |
| Contact person | Contact Email address: info@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 <https://poisoncentres.echa.europa.eu/>

SECTION 2: Hazards identification

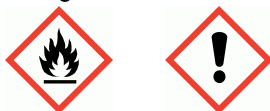
2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

| | |
|------------------------------|--------------------------|
| Physical hazards | Aerosol 1 - H222, H229 |
| Health hazards | STOT SE 3 - H336 |
| Environmental hazards | Aquatic Chronic 3 - H412 |

2.2. Label elements

Pictogram



| | |
|--------------------|--------|
| Signal word | Danger |
|--------------------|--------|

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| Hazard statements | H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated. H336 May cause drowsiness or dizziness. H412 Harmful 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. P260 Do not breathe spray. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents/ container in accordance with local regulations. |
| Supplemental label information | EUH066 Repeated exposure may cause skin dryness or cracking. EUH019 May form explosive peroxides. |
| Contains | DIETHYL ETHER, Naphtha (petroleum), hydrotreated light, DI-ISOPROPYL ETHER, ACETONE |
| Supplementary precautionary statements | P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTRE/doctor if you feel unwell. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. |

2.3. Other hazards

The product does not contain any substance that is classified as PBT or vPvB

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
|--|----------------------|
| DIETHYL ETHER | 10-30% |
| CAS number: 60-29-7 | EC number: 200-467-2 |
| Classification | |
| Flam. Liq. 1 - H224 | |
| Acute Tox. 4 - H302 | |
| STOT SE 3 - H336 | |
| Naphtha (petroleum), hydrotreated light | 10-30% |
| CAS number: 64742-49-0 | EC number: 265-151-9 |
| Classification | |
| Flam. Liq. 2 - H225 | |
| Skin Irrit. 2 - H315 | |
| STOT SE 3 - H336 | |
| Asp. Tox. 1 - H304 | |
| Aquatic Chronic 2 - H411 | |

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| | |
|---------------------------|----------------------|
| DI-ISOPROPYL ETHER | 10-30% |
| CAS number: 108-20-3 | EC number: 203-560-6 |
| Classification | |
| Flam. Liq. 2 - H225 | |
| STOT SE 3 - H336 | |
| ACETONE | 5-10% |
| CAS number: 67-64-1 | EC number: 200-662-2 |
| Classification | |
| Flam. Liq. 2 - H225 | |
| Eye Irrit. 2 - H319 | |
| STOT SE 3 - H336 | |
| BUTANE | 5-10% |
| CAS number: 106-97-8 | EC number: 203-448-7 |
| Classification | |
| Flam. Gas 1 - H220 | |
| Press. Gas | |
| ISOBUTANE | 1-5% |
| CAS number: 75-28-5 | EC number: 200-857-2 |
| Classification | |
| Flam. Gas 1 - H220 | |
| Press. Gas | |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately. |
| Ingestion | DO NOT induce vomiting. Get medical attention immediately. |
| Skin contact | Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. 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. Get medical attention promptly if symptoms occur after washing. |
| Inhalation | Vapours may cause headache, fatigue, dizziness and nausea. |
| Ingestion | Due to the physical nature of this product, it is unlikely that ingestion will occur. |
| Skin contact | Prolonged skin contact may cause redness and irritation. |

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Eye contact May irritate eyes.

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 Extinguish with the following media: Powder. Dry chemicals, sand, dolomite etc.

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.

5.3. Advice for firefighters

Protective actions during firefighting Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

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 Harmful to aquatic life with long lasting effects.

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. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion. If leakage cannot be stopped, evacuate area.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 1 for emergency contact information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

Storage class Compressed gas storage.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

DIETHYL ETHER

Long-term exposure limit (8-hour TWA): WEL 100 ppm 310 mg/m³

Short-term exposure limit (15-minute): WEL 200 ppm 620 mg/m³

DI-ISOPROPYL ETHER

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Long-term exposure limit (8-hour TWA): WEL 250 ppm 1060 mg/m³

Short-term exposure limit (15-minute): WEL 310 ppm 1310 mg/m³

ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

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

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

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). EN374

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------|---------------------------|
| Appearance | Aerosol. |
| Colour | Clear liquid. Colourless. |
| Odour | Organic solvents. |
| Flash point | -38°C |
| Auto-ignition temperature | 180°C |

9.2. Other information

Volatile organic compound This product contains a maximum VOC content of 635 g/l. This product contains a maximum VOC content of 92 %.

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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The reactivity data for this product will be typical of those for the following class of materials: Hydrocarbons. Flammable/combustible materials.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Strong oxidising agents. Strong alkalis. Strong mineral acids.

10.5. Incompatible materials

Materials to avoid No specific requirements are anticipated under normal conditions of use.

10.6. Hazardous decomposition products

Hazardous decomposition products Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data recorded.

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 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.

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 toxicity - single exposure

STOT - single exposure , , A single exposure may cause the following adverse effects: Defatting, drying and cracking of skin.

Specific target organ toxicity - repeated exposure

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| | |
|---------------------------------|--|
| STOT - repeated exposure | No information available. |
| Inhalation | Vapours may cause drowsiness and dizziness. Vapours may cause headache, fatigue, dizziness and nausea. |
| Ingestion | Harmful if swallowed. Swallowing concentrated chemical may cause severe internal injury. |
| Skin contact | Irritating to skin. Product has a defatting effect on skin. May cause allergic contact eczema. |
| Eye contact | Vapour or spray in the eyes may cause irritation and smarting. Repeated exposure may cause chronic eye irritation. |
| Route of exposure | Inhalation Skin and/or eye contact |

SECTION 12: Ecological information

Ecotoxicity The product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

Toxicity Maybe harmful to aquatic organisms

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No specific test data are available.

12.4. Mobility in soil

Mobility The product is partly soluble in water and may spread in the aquatic environment.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

Waste class WGK : 2 (Germany)

SECTION 14: Transport information

14.1. UN number

| | |
|-------------------------|------|
| UN No. (ADR/RID) | 1950 |
| UN No. (IMDG) | 1950 |
| UN No. (ICAO) | 1950 |
| UN No. (ADN) | 1950 |

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14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

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

No.

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 Annex II of MARPOL 73/78 and the IBC Code Not applicable.

and the IBC Code

SECTION 15: Regulatory information

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

National regulations EH40/2005 Workplace exposure limits.

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| | |
|--|--|
| EU legislation | Dangerous Substances Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. 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). |
| Authorisations (Title VII Regulation 1907/2006) | No specific authorisations are known for this product. |
| Restrictions (Title VIII Regulation 1907/2006) | No specific restrictions on use are known for this product. |

15.2. Chemical safety assessment

SECTION 16: Other information

| | |
|----------------------------------|---|
| Revision date | 11/09/2018 |
| Revision | 3 |
| Supersedes date | 07/09/2015 |
| SDS number | 14751 |
| Hazard statements in full | H220 Extremely flammable gas. H222 Extremely flammable aerosol. H224 Extremely flammable liquid and vapour. H225 Highly flammable liquid and vapour. H229 Pressurised container: may burst if heated. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. |