

SAFETY DATA SHEET Tyre, Bumper & Trim Restorer

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

1.1. Product identifier

Product name Tyre, Bumper & Trim Restorer

Product number HAPP0122A

Internal identification NQA2291

UFI: X876-60AN-500V-EUY6

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.

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

Tyre, Bumper & Trim Restorer

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)

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+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

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

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+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 Aerosol 1 - H222, H229

Health hazards Skin Irrit. 2 - H315 STOT SE 3 - H336

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms





Signal word

Danger

Tyre, Bumper & Trim Restorer

Hazard statements H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated.

H315 Causes skin irritation.

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.

P261 Avoid breathing spray.

P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area.

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.

P312 Call a POISON CENTRE/doctor if you feel unwell.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

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: X876-60AN-500V-EUY6

Contains Naphtha (petroleum), hydrotreated light, CITRAL, d-limonene

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

BUTANE 25-50%

CAS number: 106-97-8 EC number: 203-448-7

Classification

Flam. Gas 1A - H220

Press. Gas

Naphtha (petroleum), hydrotreated light

10-25%

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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ISOBUTANE 10-25%

CAS number: 75-28-5 EC number: 200-857-2

Classification

Flam. Gas 1A - H220

Press. Gas

CITRAL <1%

CAS number: 5392-40-5 EC number: 226-394-6

Classification

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

d-limonene <1%

CAS number: 5989-27-5 EC number: 227-813-5

M factor (Acute) = 1

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412

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 at once. When breathing is difficult, properly trained

personnel may assist affected person by administering oxygen. Keep affected person warm

and at rest. Get medical attention if any discomfort continues.

Ingestion Not relevant.

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. Rinse with 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 Drowsiness, discrientation, vertigo.

Ingestion Due to the physical nature of this product, it is unlikely that ingestion will occur.

Skin contactCauses skin irritation. Prolonged or repeated exposure may cause severe irritation.

Eye contact May be slightly irritating to eyes. Prolonged or repeated exposure may cause severe irritation.

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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. Water spray,

fog or mist.

5.2. Special hazards arising from the substance or mixture

Specific hazardsContainers can burst violently or explode when heated, due to excessive pressure build-up.

May explode when heated or when exposed to flames or sparks. Extremely flammable.

Hazardous combustion

products

Thermal decomposition or combustion products may include the following substances: Oxides

of carbon.

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.

Special protective equipment

for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective

clothing.

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.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, include

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 Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11

for additional information on health hazards. 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/spray and contact with skin and eyes. Provide adequate ventilation. Use approved

respirator if air contamination is above an acceptable level.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Do not expose to temperatures exceeding 50°C/122°F. Keep in a cool, well ventilated place.

Storage class Flammable compressed gas storage.

7.3. Specific end use(s)

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

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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

8.2. Exposure controls

Protective equipment





Appropriate engineering controls

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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). 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 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. Do not eat, drink or

smoke when using this product.

Respiratory protectionNo 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. Clear liquid.

Colour Colourless.

Odour Lemon.

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pH Not applicable.

Flash point < 0°C

Relative density 0.727 @ 20°C

Solubility(ies) Immiscible with water.

Viscosity Not determined.

9.2. Other information

Volatile organic compound This product contains a maximum VOC content of ca. 90 %.

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

Avoid heat.

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 Strong alkalis. Strong mineral acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition

products

Thermal decomposition or combustion products may include the following substances: 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

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

Acute toxicity - dermal

Notes (dermal LD₅₀) 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 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.

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

Specific target organ toxicity - single exposure

STOT - single exposure May cause drowsiness or dizziness.

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. Vapours may cause headache, fatigue, dizziness and

nausea. Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion No harmful effects expected from quantities likely to be ingested by accident.

Skin contact Causes skin irritation. Prolonged or repeated exposure may cause severe irritation.

Eye contact May be slightly irritating to eyes. Prolonged or repeated exposure may cause severe irritation.

Acute and chronic health

hazards

No specific long-term effects known.

Route of exposure Inhalation Skin and/or eye contact

Toxicological information on ingredients.

BUTANE

Acute toxicity - oral

Acute toxicity oral (LD₅o

5,000.0

mg/kg)

Species Rat

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

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Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye

Based on available data the classification criteria are not met.

damage/irritation

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.

Regative.

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.

PROPANE

Acute toxicity - oral

Acute toxicity oral (LD₅o

5,000.0

mg/kg)

Species Rat

ATE oral (mg/kg) 5,000.0

ISOBUTANE

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

5,000.0

Species

s Rat

ATE oral (mg/kg) 5,000.0

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SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

12.1. Toxicity

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

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

invertebrates

12.2. Persistence and degradability

Persistence and degradability Expected to be readily biodegradable.

Phototransformation Not available.

Stability (hydrolysis) Not available.

Biodegradation Expected to be readily biodegradable.

Biological oxygen demand Not available.

Chemical oxygen demand Not available.

Ecological information on ingredients.

Naphtha (petroleum), hydrotreated light

Biodegradation Inherently biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all

surfaces.

Adsorption/desorption

coefficient

Not available.

Henry's law constant

Not available.

Surface tension

Not available.

12.5. Results of PBT and vPvB assessment

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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 contents/container in accordance with local regulations.

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

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

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

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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).

Authorisations (SI 2020 No.

1577 Annex XIV)

No specific authorisations 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

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.

EC50: 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.

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Classification procedures Aerosol 1 - H222, H229: Calculation method. Skin Irrit. 2 - H315: Calculation method. STOT

according to SI 2019 No. 720 SE 3 - H336: Calculation method. Aquatic Chronic 3 - H412: Calculation method.

Issued by Regulatory Specialist

Revision date 13/01/2021

Revision 1

SDS number 21828

Hazard statements in full H220 Extremely flammable gas.

H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour.

H229 Pressurised container: may burst if heated. H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects. H412 Harmful 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.