SAFETY DATA SHEET
Engine & Parts Degreaser

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

1.1. Product identifier

Product name Engine & Parts Degreaser

Product number HMTN0003A, HMTN0701A, TEC4, XMKEN011A

UFI UFI: GNW2-C0H8-500G-XWM3

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. Engine cleaner.

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

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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)
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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 (Luxembourg)
+356 2395 2000; info@mccaa.org.mt (Malta)
+31 88 75 585 61; productnotificatie@umcutrecht.nl (The Netherlands)
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+7 495 621 6885; +7 495 628 1687; rtiac@mail.ru; rtiac2003@yahoo.com (Russia)
+421 2 5465 2307; ntic@ntic.sk (Slovakia)
+ 386 1 522 1293; gp.ukc@kclj.si (Slovenia)
+34 917689800; intcf.doc@justicia.es (Spain)
+46104566750; giftinformation@gic.se (Sweden)
+44 121 507 4123; allistervale@npis.org, sallybradberry@npis.org (UK)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

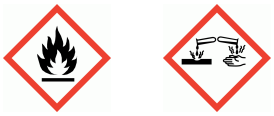
Physical hazards Aerosol 1 - H222, H229

Health hazards Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.
H318 Causes serious eye damage.

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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. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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.
Supplemental label information	EUH066 Repeated exposure may cause skin dryness or cracking.
UFI	UFI: GNW2-C0H8-500G-XWM3
Contains	Isotridecanol, ethoxylated, AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)
Detergent labelling	≥ 30% aliphatic hydrocarbons, < 5% non-ionic surfactants
Supplementary precautionary statements	P271 Use only outdoors or in a well-ventilated area. P264 Wash contaminated skin thoroughly after handling. P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P332+P313 If skin irritation occurs: Get medical advice/ attention. P337+P313 If eye irritation persists: Get medical advice/ attention.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics **30-60%**

CAS number: — EC number: 926-141-6

Classification
Asp. Tox. 1 - H304

BUTANE **10-30%**

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

Classification
Flam. Gas 1A - H220
Press. Gas

ISOBUTANE **5-10%**

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

Classification
Flam. Gas 1A - H220
Press. Gas

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Isotridecanol, ethoxylated	**1-5%**
CAS number: 9043-30-5	EC number: 500-027-2
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)	**1-5%**
CAS number: 68155-07-7	EC number: 931-329-6
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	

Oleic acid, compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1)	**<1%**
CAS number: 34140-91-5	EC number: 251-846-4
M factor (Acute) = 10	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT RE 2 - H373 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	

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 Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Skin contact Wash skin thoroughly with soap and water or use an approved skin cleanser. 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 and get medical attention.

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

Inhalation Vapours may cause headache, fatigue, dizziness and nausea. May cause respiratory system irritation.

Ingestion May be harmful if swallowed.

Skin contact May be slightly irritating to skin. Prolonged or repeated exposure may cause severe irritation.

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

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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 Use fire-extinguishing media suitable for the surrounding fire.

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 Move containers from fire area if it can be done without risk.

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 inhalation of vapours 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 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.

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

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Long-term exposure limit (8-hour TWA): OES 800 ppm
Short-term exposure limit (15-minute): OES 800 ppm
WEL = Workplace Exposure Limit.

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL) (CAS: 68155-07-7)

DNEL	Industry - Dermal; Long term systemic effects: 4.16 mg/kg/day Industry - Dermal; Long term local effects: 0.09 mg/kg/day Industry - Inhalation; Long term systemic effects: 73.4 mg/m³ Consumer - Inhalation; Long term systemic effects: 21.7 mg/m³ Consumer - Dermal; Long term local effects: 0.056 mg/kg/day Consumer - Oral; Long term systemic effects: 6.25 mg/kg/day
PNEC	- Fresh water; 0.007 mg/l - marine water; 0.0007 mg/l - Intermittent release; 0.024 mg/l - Sediment; 0.0424 mg/kg - Soil; 0.0189 mg/kg - STP; 830 mg/l

Oleic acid, compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1) (CAS: 34140-91-5)

DNEL	Workers - Inhalation; Long term systemic effects: 0.074 mg/m³ Workers - Dermal; Long term systemic effects: 0.01 mg/kg/day
PNEC	Fresh water; Long term 0.276 µg/l marine water; Long term 0.028 µg/l STP; Long term 0.251 mg/l Sediment (Freshwater); Long term 8.6 mg/kg Sediment (Marinewater); Long term 0.86 mg/kg Soil; Long term 10 mg/kg

8.2. Exposure controls

Protective equipment

Eye/face protection	The following protection should be worn: 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. 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	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. Use appropriate skin cream to prevent drying of skin. Do not smoke in work area.
Respiratory protection	No specific recommendations. 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

Engine & Parts Degreaser

Appearance	Aerosol.
Colour	Colourless to pale yellow.
Odour	Aromatic hydrocarbons.
Flash point	-26°C Closed cup.
Relative density	0.81 @ 20°C
Solubility(ies)	Insoluble in water.
Auto-ignition temperature	200°C

9.2. Other information

Volatility	95.89%

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 and when used as recommended.

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

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 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

Notes (oral LD_{50}) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 23,651.84

Acute toxicity - dermal

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 Based on available data the classification criteria are not met. Repeated exposure may cause skin dryness or cracking.

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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 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 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 Vapours may cause headache, fatigue, dizziness and nausea. May cause respiratory system irritation.

Ingestion May be harmful if swallowed.

Skin contact May be slightly irritating to skin. Prolonged or repeated exposure may cause severe irritation.

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

Route of exposure Inhalation Skin and/or eye contact

Toxicological information on ingredients.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Acute toxicity - oral

Notes (oral LD_{50}) LD_{50} > 5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD_{50}) LD_{50} > 5000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC_{50}) LC50 > 5000 mg/m³, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

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

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	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	No evidence of reproductive toxicity in animal studies.

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.

Inhalation	Drowsiness, dizziness, disorientation, vertigo.
Ingestion	May be fatal if swallowed and enters airways.
Skin contact	May cause skin irritation/eczema. Dryness and/or cracking.
Eye contact	May cause eye irritation. Prolonged contact may cause redness and/or tearing.

BUTANE

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	5,000.0
Species	Rat

PROPANE

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	5,000.0
Species	Rat

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ATE oral (mg/kg)	5,000.0

ISOBUTANE

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	5,000.0
Species	Rat
ATE oral (mg/kg)	5,000.0

Isotridecanol, ethoxylated

Acute toxicity - oral

ATE oral (mg/kg)	500.0

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)

Acute toxicity - oral

Notes (oral LD_{50})	LD_{50} >2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD_{50})	LD_{50} >2000 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Skin corrosion/irritation	Moderately irritating.

Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation	Not sensitising.

Skin sensitisation

Skin sensitisation	Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro	No specific test data are available.
Genotoxicity - in vivo	No specific test data are available.

Carcinogenicity

Carcinogenicity	Does not contain any substances known to be carcinogenic.

Reproductive toxicity

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

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

Aspiration hazard

Aspiration hazard Not relevant.

SECTION 12: Ecological information

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

12.1. Toxicity

Ecological information on ingredients.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Acute aquatic toxicity

Acute toxicity - fish LL_{50}, 96 hours: > 1000 mg/l, Oncorhynchus mykiss (Rainbow trout)
LL0, 96 hours: 1000 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates LL_{50}, 48 hours: > 1000 mg/l, Daphnia magna
LL0, 48 hours: 1000 mg/l, Daphnia magna

Acute toxicity - aquatic plants EL50, 72 hours: > 1000 mg/l, Pseudokirchneriella subcapitata
NOELR, 72 hours: 1000 mg/l, Pseudokirchneriella subcapitata

Acute toxicity - microorganisms EL50, 48 hours: > 1000 mg/l, Tetrahymena pyriformis

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOELR, 28 days: 0.173 mg/l, QSAR

Chronic toxicity - aquatic invertebrates NOELR, 21 days: 1.22 mg/l, QSAR

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)

Acute aquatic toxicity

Acute toxicity - fish LC_{50}, 96 hours: 2.4 mg/l,

Acute toxicity - aquatic invertebrates EC_{50}, 48 hours: 3.2 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC_{50}, 72 hours: 18.6 mg/l, Freshwater algae

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 28 days: 0.32 mg/l,

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 0.07 mg/l, Daphnia magna

Oleic acid, compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1)

Acute aquatic toxicity

$LE(C)_{50}$ 0.01 < L(E)C50 ≤ 0.1

M factor (Acute) 10

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12.2. Persistence and degradability

Ecological information on ingredients.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Persistence and degradability Rapidly degradable

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)

Biodegradation - Degradation 92.5%: 28 days

12.3. Bioaccumulative potential

Ecological information on ingredients.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient Scientifically unjustified.

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)

Bioaccumulative potential BCF: 65.36,

Partition coefficient log Pow: 3.75

12.4. Mobility in soil

Mobility The product contains organic solvents which will evaporate easily from all surfaces.

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.

Ecological information on ingredients.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

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 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. Avoid the spillage or runoff entering drains, sewers or watercourses.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

Engine & Parts Degreaser

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

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.

SECTION 15: Regulatory information

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

Engine & Parts Degreaser

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

15.2. Chemical safety assessment

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_{50}: 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.
LOEC: Lowest Observed Effect Concentration.
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.

Classification procedures according to SI 2019 No. 720 Aerosol 1 - H222, H229: Calculation method. Eye Dam. 1 - H318: Calculation method.

Issued by Regulatory Specialist

Revision date 09/12/2021

Revision 8

Supersedes date 30/05/2021

SDS number 14593

Engine & Parts Degreaser

Hazard statements in full

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.