



SAFETY DATA SHEET
STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)
Product No. 50400

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Fuel additive.
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Armored Auto UK Ltd
Unit 16, Rassau Industrial Estate
Ebbw Vale
Gwent NP23 5SD
UK
Tel: +44 1495 350234
Fax: + 44 1495 350431
euregulatory@armoredautogroup.com

1.4. Emergency telephone number

+44 1495 350234
Monday - Thursday: 8.30 - 17.00
Friday: 8.30 - 15.30

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xn;R65. R52/53, R66.

Human health

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Environment

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

2.2. Label elements

Contains KEROSENE

Labelling



Harmful

Risk Phrases

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

Safety Phrases

S2 Keep out of the reach of children.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

S24
S46

Avoid contact with skin.
If swallowed, seek medical advice immediately and show this container or label.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

KEROSENE	60-100%	
CAS-No.: 64742-47-8	EC No.: 265-149-8	
Classification (EC 1272/2008) EUH066 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R66.	
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	1-5%	
CAS-No.: 64742-94-5	EC No.: 265-198-5	Registration Number: 01-2119463588-24
Classification (EC 1272/2008) EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. N;R51/53. R66,R67.	
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT C11-14	1-5%	
CAS-No.: 64742-47-8	EC No.: 265-149-8	
Classification (EC 1272/2008) EUH066 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R66.	
NAPHTHALENE	< 1%	
CAS-No.: 91-20-3	EC No.: 202-049-5	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Carc. 2 - H351 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) Carc. Cat. 3;R40 Xn;R22 N;R50/53	
1,2,4-TRIMETHYLBENZENE	< 1%	
CAS-No.: 95-63-6	EC No.: 202-436-9	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 Aquatic Chronic 2 - H411	Classification (67/548/EEC) R10 Xn;R20 Xi;R36/37/38 N;R51/53	

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC		< 1%
CAS-No.: 64742-94-5	EC No.: 265-198-5	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 STOT SE 3 - H335 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. Xi;R37/38. N;R51/53.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

Ingestion

Never give liquid to an unconscious person. Rinse mouth thoroughly. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention immediately!

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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

Inhalation

Vapour may irritate respiratory system or lungs.

Ingestion

May cause discomfort if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritating and may cause redness and pain.

4.3. Indication of any immediate medical attention and special treatment needed

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

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

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

Solvent vapours may form explosive mixtures with air.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid water in straight hose stream; will scatter and spread fire. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Stop leak if possible without risk. DO NOT touch spilled material! Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Ventilate well. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not let washing down water contaminate ponds or waterways. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. 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. Collect and dispose of spillage as indicated in section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. NOT for personal cleansing. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3. 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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT C11-14	SUP		1000 mg/m ³			
KEROSENE	SUP		1000 mg/m ³			

Ingredient Comments

SUP = Supplier's recommendation.

8.2. Exposure controls

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Wear approved, tight fitting safety glasses where splashing is probable.

Hygiene measures

Wash promptly if skin becomes contaminated. DO NOT SMOKE IN WORK AREA! When using do not eat, drink or smoke. No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

9.1. Information on basic physical and chemical properties

Appearance	Hazy liquid.
Colour	Light (or pale). Straw.
Odour	Kerosene.
Solubility	Insoluble in water

Initial boiling point and boiling range (°C)

Data lacking.

Melting point (°C)

Data lacking.

Relative density 0.8222

Vapour density (air=1)

Data lacking.

Vapour pressure

Data lacking.

Evaporation rate

Data lacking.

Evaporation Factor

Data lacking.

pH-Value, Conc. Solution

Data lacking.

Viscosity

Not determined.

Solubility Value (G/100G H₂O@20°C)

Data lacking.

Decomposition temperature (°C)

Data lacking.

Odour Threshold, Lower

Data lacking.

Flash point (°C) 75 °C

Auto Ignition Temperature (°C)

Data lacking.

Explosive properties

Data lacking.

Oxidising properties

Not known.

9.2. Other information

Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances.

10.6. Hazardous decomposition products

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

High temperatures generate: Oxides of: Carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:

Based on available data the classification criteria are not met.

Skin Corrosion/Irritation:

Based on available data the classification criteria are not met.

Serious eye damage/irritation:

Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Based on available data the classification criteria are not met.

Carcinogenicity:

Based on available data the classification criteria are not met.

Reproductive Toxicity:

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

Repeated exposure may cause skin dryness or cracking.

Aspiration hazard:

Harmful: may cause lung damage if swallowed.

Toxicological information on ingredients.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

1,2,4-TRIMETHYLBENZENE (CAS: 95-63-6)

Acute toxicity:

Acute Toxicity (Oral LD50)

6000 mg/kg Rat

REACH dossier information

Acute Toxicity (Dermal LD50)

4 mL/kg Rat

REACH dossier information Read across data.

Acute Toxicity (Inhalation LC50)

10200 mg/m³ (vapour) Rat 4 hours

REACH dossier information Read across data.

Skin Corrosion/Irritation:

Dose

0.5 mL 4 hr Rabbit

Erythema/Eschar score

Well defined erythema (2).

REACH dossier information Read across data.

Irritating.

Serious eye damage/irritation:

Not Irritating. Read across data. REACH dossier information Based on available data the classification criteria are not met.

Respiratory or skin sensitisation:

Skin sensitisation

Guinea pig maximization test (GPMT): Guinea Pig

REACH dossier information Read across data.

Not Sensitising. Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Gene Mutation:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Genotoxicity - In Vivo

Chromosome aberration:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Multigeneration study: NOAEC 500 ppm Inhalation. Rat F1

REACH dossier information Read across data.

Based on available data the classification criteria are not met.

Reproductive Toxicity - Development

Developmental toxicity: NOAEC 1470 mg/m³ Inhalation. Rat

REACH dossier information

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

NOAEL 600 mg/kg Oral Rat

REACH dossier information Read across data.

Not classified as a specific target organ toxicant after repeated exposure.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

NAPHTHALENE (CAS: 91-20-3)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 2000 mg/kg Rat

REACH dossier information

Acute Toxicity (Dermal LD50)

> 2500 mg/kg Rat

REACH dossier information

Acute Toxicity (Inhalation LC50)

> 0.4 mg/l (vapours) Rat 4 hours

REACH dossier information

Skin Corrosion/Irritation:

Dose

0.5 g 24 hr Rabbit

Primary dermal irritation index (PDI)

1.75

Erythema/oeschar score

Very slight erythema -barely perceptible (1).

Oedema score

Very slight oedema -barely perceptible (1).

REACH dossier information

Not irritating. Based on available data the classification criteria are not met.

Serious eye damage/irritation:

Not Irritating. Based on available data the classification criteria are not met.

Respiratory or skin sensitisation:

Skin sensitisation

Guinea pig maximization test (GPMT): Guinea Pig

REACH dossier information

Not Sensitising. Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Genome mutation:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Genotoxicity - In Vivo

Chromosome aberration:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Carcinogenicity:

Carcinogenicity

Inhalation. Rat

REACH dossier information

Limited evidence of a carcinogenic effect.

IARC Carcinogenicity

IARC Group 2B Possibly carcinogenic to humans.

Reproductive Toxicity:

Reproductive Toxicity - Development

Developmental toxicity: NOAEC 150 mg/kg Oral Rat

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

REACH dossier information

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

NOAEL 133 mg/kg Oral Mouse

REACH dossier information

Not classified as a specific target organ toxicant after repeated exposure.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

KEROSENE (CAS: 64742-47-8)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

REACH dossier information

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

REACH dossier information

Acute Toxicity (Inhalation LC50)

> 5.28 mg/l (vapours) Rat 4 hours

REACH dossier information

Skin Corrosion/Irritation:

Dose

0.5 mL 24 hr Rabbit

Erythema/Eschar score

Moderate to severe erythema (3).

Oedema score

Slight oedema - edges of area well defined by definite raising (2).

REACH dossier information

Irritating.

Serious eye damage/irritation:

Not Irritating.

Respiratory or skin sensitisation:

Skin sensitisation

Buehler test: Guinea Pig

REACH dossier information

Not Sensitising.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Gene Mutation:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Genotoxicity - In Vivo

Chromosome aberration:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Carcinogenicity:

Carcinogenicity

LOAEL 250 mg/kg Dermal Mouse

REACH dossier information

No evidence of carcinogenicity in animal studies

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Fertility: NOAEL 750 mg/kg Oral Rat P

REACH dossier information

Based on available data the classification criteria are not met.

Reproductive Toxicity - Development

Maternal toxicity: NOAEC >= 364 ppm Inhalation. Rat

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

REACH dossier information

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

NOAEL 750 mg/kg Oral Rat

REACH dossier information

Not classified as a specific target organ toxicant after repeated exposure.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC (CAS: 64742-94-5)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

REACH dossier information

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

REACH dossier information

Acute Toxicity (Inhalation LC50)

> 5.28 mg/l (vapours) Rat 4 hours

REACH dossier information

Skin Corrosion/Irritation:

Dose

0.5 mL 24 hr Rabbit

Erythema/Eschar score

Moderate to severe erythema (3).

Oedema score

Slight oedema - edges of area well defined by definite raising (2).

REACH dossier information

Irritating.

Serious eye damage/irritation:

Not Irritating.

Respiratory or skin sensitisation:

Skin sensitisation

Buehler test: Guinea Pig

REACH dossier information

Not Sensitising. Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Gene Mutation:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Genotoxicity - In Vivo

Chromosome aberration:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Carcinogenicity:

Carcinogenicity

LOAEL 250 mg/kg/day Dermal Mouse

REACH dossier information

No evidence of carcinogenicity in animal studies

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Fertility: NOAEL 750 mg/kg/day Oral Rat P

REACH dossier information

Based on available data the classification criteria are not met.

Reproductive Toxicity - Development

Maternal toxicity: NOAEC >= 364 ppm Inhalation. Rat

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

REACH dossier information

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

NOAEL 750 mg/l/6hr/day Oral Rat

REACH dossier information

Aspiration hazard:

Viscosity

Kinematic viscosity ≤ 20.5 mm²/s.

REACH dossier information

Harmful: may cause lung damage if swallowed.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC (CAS: 64742-94-5)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

REACH dossier information

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

REACH dossier information

Acute Toxicity (Inhalation LC50)

> 5.28 mg/l (vapours) Rat 4 hours

REACH dossier information

Skin Corrosion/Irritation:

Dose

0.5 mL 24 hr Rabbit

Erythema/Eschar score

Moderate to severe erythema (3).

Oedema score

Slight oedema - edges of area well defined by definite raising (2).

REACH dossier information

Irritating.

Serious eye damage/irritation:

Not Irritating.

Respiratory or skin sensitisation:

Skin sensitisation

Buehler test: Guinea Pig

REACH dossier information

Not Sensitising. Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Gene Mutation:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Genotoxicity - In Vivo

Chromosome aberration:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Carcinogenicity:

Carcinogenicity

LOAEL 250 mg/kg/day Dermal Mouse

REACH dossier information

No evidence of carcinogenicity in animal studies

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Fertility: NOAEL 750 mg/kg/day Oral Rat P

REACH dossier information

Based on available data the classification criteria are not met.

Reproductive Toxicity - Development

Maternal toxicity: NOAEC >= 364 ppm Inhalation. Rat

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

REACH dossier information

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

NOAEL 750 mg/l/6hr/day Oral Rat

REACH dossier information

Aspiration hazard:

Viscosity

Kinematic viscosity ≤ 20.5 mm²/s.

REACH dossier information

Harmful: may cause lung damage if swallowed.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT C11-14 (CAS: 64742-47-8)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

REACH dossier information

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

REACH dossier information

Acute Toxicity (Inhalation LC50)

> 5.28 mg/l (vapours) Rat 4 hours

REACH dossier information

Skin Corrosion/Irritation:

Dose

0.5 mL 24 hr Rabbit

Erythema/Eschar score

Moderate to severe erythema (3).

Oedema score

Slight oedema - edges of area well defined by definite raising (2).

REACH dossier information

Irritating.

Serious eye damage/irritation:

Not Irritating.

Respiratory or skin sensitisation:

Skin sensitisation

Buehler test: Guinea Pig

REACH dossier information

Not Sensitising. Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Gene Mutation:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Genotoxicity - In Vivo

Chromosome aberration:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Carcinogenicity:

Carcinogenicity

LOAEL 250 mg/kg/day Dermal Mouse

REACH dossier information

No evidence of carcinogenicity in animal studies

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Fertility: NOAEL 750 mg/kg/day Oral Rat P

REACH dossier information

Based on available data the classification criteria are not met.

Reproductive Toxicity - Development

Maternal toxicity: NOAEC >= 364 ppm Inhalation. Rat

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

REACH dossier information

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

NOAEL 750 mg/l/6hr/day Oral Rat

REACH dossier information

Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard:

Viscosity

Kinematic viscosity \leq 20.5 mm²/s.

REACH dossier information

Harmful: may cause lung damage if swallowed.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Acute Fish Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

Ecological information on ingredients.

1,2,4-TRIMETHYLBENZENE (CAS: 95-63-6)

Acute Toxicity - Fish

LC50 96 hours 7.72 mg/l Pimephales promelas (Fat-head Minnow)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 3.6 mg/l Daphnia magna

REACH dossier information

Acute Toxicity - Aquatic Plants

EC50 96 hours 2.356 mg/l Freshwater algae

REACH dossier information Estimated Value

NAPHTHALENE (CAS: 91-20-3)

Acute Toxicity - Fish

LC50 96 hours 6.08 mg/l Pimephales promelas (Fat-head Minnow)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 2.16 mg/l Daphnia magna

REACH dossier information

Acute Toxicity - Microorganisms

IC50 24 hours 29 mg/l Nitrosomonas sp.

REACH dossier information

KEROSENE (CAS: 64742-47-8)

Acute Toxicity - Fish

LL50 96 hours 2 - 5 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EL50 48 hours 1.4 mg/l Daphnia magna

REACH dossier information

Acute Toxicity - Aquatic Plants

EL50 72 hours 1 - 3 mg/l Pseudokirchnerella subcapitata

REACH dossier information

Chronic Toxicity - Aquatic Invertebrates

EL50 21 days 0.89 mg/l Daphnia magna

REACH dossier information

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC (CAS: 64742-94-5)

Acute Toxicity - Fish

LL50 96 hours 2 - 5 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EL50 48 hours 1.4 mg/l Daphnia magna

REACH dossier information

Acute Toxicity - Aquatic Plants

EL50 72 hours 1 - 3 mg/l Pseudokirchnerella subcapitata

REACH dossier information

Acute Toxicity - Microorganisms

NOEL 72 hours 1.641 mg/l Tetrahymena pyriformis

Estimated Value REACH dossier information

Chronic Toxicity - Fish Early life Stage

NOEL 28 days 0.098 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information Estimated Value

Chronic Toxicity - Aquatic Invertebrates

EL50 21 days 0.89 mg/l Daphnia magna

NOEL 21 days 0.48 mg/l Daphnia magna

REACH dossier information

SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC (CAS: 64742-94-5)

Acute Toxicity - Fish

LL50 96 hours 2 - 5 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EL50 48 hours 1.4 mg/l Daphnia magna

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

REACH dossier information

Acute Toxicity - Aquatic Plants

EL50 72 hours 1 - 3 mg/l Pseudokirchnerella subcapitata

REACH dossier information

Acute Toxicity - Microorganisms

NOEL 72 hours 1.641 mg/l Tetrahymena pyriformis

Estimated Value REACH dossier information

Chronic Toxicity - Fish Early life Stage

NOEL 28 days 0.098 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information Estimated Value

Chronic Toxicity - Aquatic Invertebrates

EL50 21 days 0.89 mg/l Daphnia magna

NOEL 21 days 0.48 mg/l Daphnia magna

REACH dossier information

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT C11-14 (CAS: 64742-47-8)

Acute Toxicity - Fish

LL50 96 hours 2 - 5 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EL50 48 hours 1.4 mg/l Daphnia magna

REACH dossier information

Acute Toxicity - Aquatic Plants

EL50 72 hours 1 - 3 mg/l Pseudokirchnerella subcapitata

REACH dossier information

Acute Toxicity - Microorganisms

NOEL 72 hours 1.641 mg/l Tetrahymena pyriformis

Estimated Value REACH dossier information

Chronic Toxicity - Fish Early life Stage

NOEL 28 days 0.098 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information Estimated Value

Chronic Toxicity - Aquatic Invertebrates

EL50 21 days 0.89 mg/l Daphnia magna

REACH dossier information

NOEL 21 days 0.48 mg/l Daphnia magna

REACH dossier information

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

Ecological information on ingredients.

1,2,4-TRIMETHYLBENZENE (CAS: 95-63-6)

Degradability

There are no data on the degradability of this product.

NAPHTHALENE (CAS: 91-20-3)

Biodegradation

Soil Degradation (90%) 10 days

Water Degradation (99.9%) 15.2±8.4 days

REACH dossier information

The substance is readily biodegradable.

KEROSENE (CAS: 64742-47-8)

Degradability

There are no data on the degradability of this product.

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC (CAS: 64742-94-5)

Degradability

No data available.

SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC (CAS: 64742-94-5)

Degradability

No data available.

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT C11-14 (CAS: 64742-47-8)

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Ecological information on ingredients.

1,2,4-TRIMETHYLBENZENE (CAS: 95-63-6)

Bioaccumulation factor

BCF 243 Pimephales promelas (Fat-head Minnow)

REACH dossier information Estimated Value

Partition coefficient

log Pow 3.63

REACH dossier information

NAPHTHALENE (CAS: 91-20-3)

Bioaccumulative potential

Will not bio-accumulate.

Bioaccumulation factor

BCF 36.5 - 168

REACH dossier information

Partition coefficient

log Pow 3.4 @ 25 °C

REACH dossier information

KEROSENE (CAS: 64742-47-8)

Bioaccumulative potential

No data available on bioaccumulation.

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC (CAS: 64742-94-5)

Bioaccumulative potential

No data available on bioaccumulation.

SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC (CAS: 64742-94-5)

Bioaccumulative potential

No data available on bioaccumulation.

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT C11-14 (CAS: 64742-47-8)

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

Mobility:

No data available.

Ecological information on ingredients.

1,2,4-TRIMETHYLBENZENE (CAS: 95-63-6)

Adsorption/Desorption Coefficient

Soil log Koc 3.04

REACH dossier information Estimated Value

NAPHTHALENE (CAS: 91-20-3)

Adsorption/Desorption Coefficient

Soil Koc 664 @ 10 °C

REACH dossier information

KEROSENE (CAS: 64742-47-8)

Mobility:

No data available.

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC (CAS: 64742-94-5)

Mobility:

The product is insoluble in water.

SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC (CAS: 64742-94-5)

Mobility:

The product is insoluble in water.

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT C11-14 (CAS: 64742-47-8)

Mobility:

No data on the mobility of this substance.

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport Labels

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Modification to raw material composition. No change to product classification.

Revision Date 02-2013

Revision 4

Supersedes date 12-2012

Risk Phrases In Full

R10	Flammable.
R20	Harmful by inhalation.
R22	Harmful if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37/38	Irritating to respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R66	Repeated exposure may cause skin dryness or cracking.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

STP® COMPLETE FUEL SYSTEM CLEANER 400ml (PETROL)

Disclaimer

The information supplied here is accurate to the best knowledge and belief of Armored Auto UK Ltd, it is however, not intended as a warranty or representation, and should not be construed as such, for which Armored Auto UK Ltd assumes any legal responsibility. Any information or advice obtained from Armored Auto UK Ltd other than by means of this publication, and whether relating to Armored Auto UK Ltd's products or other materials is also given in good faith. It remains at all times the responsibility of the customer, and user, to ensure that the materials are suitable for the particular purpose intended. Materials not manufactured, or supplied, by Armored Auto UK Ltd when used instead of, or in conjunction with materials supplied by Armored Auto UK Ltd, it is the customer's responsibility to ensure that all technical, and other information related to such materials is obtained from the manufacturer or supplier. Armored Auto UK Ltd accepts no liability for the data contained within this document, as the information herein may be applied under conditions beyond our control, and in situations with which we may be unfamiliar. The information contained within this document is furnished upon condition that the customer and user of this product makes his own determination of the suitability of the product for his particular purpose.