



SAFETY DATA SHEET

FIXT Power System Cleaner

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

1.1. Product identifier

Product name FIXT Power System Cleaner

Product number FX081302

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

Identified uses Fuel additive.

1.3. Details of the supplier of the safety data sheet

Supplier Seymour Road
Nuneaton
Warwickshire
CV11 4LB

02476 322 196 (T)
02476 322 117 (F)
info@fixtconsumables.com

1.4. Emergency telephone number

Emergency telephone 02476 322 196

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Flam. Liq. 2 - H225

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373
Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC) Xn;R48/20,R65. Repr. Cat. 3;R63. Xi;R36/38. F;R11. R67.

Human health Gas or vapour in high concentrations may irritate the respiratory system.

Physicochemical Vapours may form explosive mixtures with air.

2.2. Label elements

Pictogram



Signal word

Danger

FIXT Power System Cleaner

| | |
|---------------------------------------|---|
| Hazard statements | H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H412 Harmful to aquatic life with long lasting effects. |
| Precautionary statements | P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 Do not breathe vapour/spray. P271 Use only outdoors or in a well-ventilated area. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P102 Keep out of reach of children. P501 Dispose of contents/container in accordance with local regulations. P262 Do not get in eyes, on skin, or on clothing. P280 Wear protective clothing and gloves. |
| Supplemental label information | RCH002b For professional users only. |
| Contains | ACETONE, TOLUENE |
| Detergent labelling | ≥ 30% aromatic hydrocarbons |

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | | | |
|---|--|---|---------------|
| ACETONE | | | 30-60% |
| CAS number: 67-64-1 | EC number: 200-662-2 | REACH registration number: 01-2119471330-49 | |
| Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336 | Classification (67/548/EEC or 1999/45/EC) F;R11 Xi;R36 R66 R67 | | |

| | | | |
|---|---|---|---------------|
| TOLUENE | | | 30-60% |
| CAS number: 108-88-3 | EC number: 203-625-9 | REACH registration number: 01-2119471310-51 | |
| Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412 | Classification (67/548/EEC or 1999/45/EC) F;R11 Repr.Cat.3;R63 Xn;R48/20,R65 Xi;R38 R67 | | |

FIXT Power System Cleaner

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 | Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. |
| Ingestion | Remove affected person from source of contamination. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. 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 10 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. |
|----------------------------|---|

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 foam, carbon dioxide, dry powder or water fog. Do not use water, if avoidable. |
|-------------------------------------|--|

5.2. Special hazards arising from the substance or mixture

| | |
|-------------------------|---|
| Specific hazards | Toxic gases or vapours. The product is highly flammable. Forms explosive mixtures with air. |
|-------------------------|---|

5.3. Advice for firefighters

| | |
|---|--|
| Protective actions during firefighting | Use water to keep fire exposed containers cool and disperse vapours. |
|---|--|

| | |
|--|--------------------------------|
| Special protective equipment for firefighters | Wear chemical protective suit. |
|--|--------------------------------|

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 | Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. |
|----------------------------------|---|

6.3. Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for cleaning up | Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water. |
|--------------------------------|---|

6.4. Reference to other sections

| | |
|------------------------------------|---|
| Reference to other sections | For personal protection, see Section 8. For waste disposal, see Section 13. |
|------------------------------------|---|

FIXT Power System Cleaner

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Eliminate all sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

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

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

TOLUENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 191 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 384 mg/m³

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

Ingredient comments WEL = Workplace Exposure Limits

TOLUENE (CAS: 108-88-3)

DNEL General population - Inhalation; : 226 mg/m³

PNEC

- Fresh water; 0.68 mg/l
- Marine water; 0.68 mg/l
- Soil; 2.89 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

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.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection

Provide eyewash station.

FIXT Power System Cleaner

Hygiene measures Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | |
|-------------------------|--|
| Appearance | Clear liquid. |
| Colour | Blue. |
| Odour | Organic solvents. |
| Flash point | <21°C |
| Relative density | 0.82 @ 20°C |
| Comments | Information given is applicable to the major ingredient. |

9.2. Other information

| | |
|----------------------------------|---|
| Other information | Not available. |
| Volatile organic compound | This product contains a maximum VOC content of 826 g/l. |

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|-------------------|---|
| Reactivity | Stable at normal ambient temperatures and when used as recommended. |
|-------------------|---|

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 | Does not decompose when used and stored as recommended. |
|---|---|

10.4. Conditions to avoid

| | |
|----------------------------|--|
| Conditions to avoid | Avoid heat. Avoid contact with the following materials: Strong oxidising agents. |
|----------------------------|--|

10.5. Incompatible materials

| | |
|---------------------------|--|
| Materials to avoid | Keep away from oxidising materials, heat and flames. |
|---------------------------|--|

10.6. Hazardous decomposition products

| | |
|---|--|
| Hazardous decomposition products | Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours. |
|---|--|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|----------------------------|--|
| General information | This product has low toxicity. Only large quantities are likely to have adverse effects on human health. |
|----------------------------|--|

| | |
|-------------------|---|
| Inhalation | Vapours may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. |
|-------------------|---|

FIXT Power System Cleaner

| | |
|-----------------------|--|
| Ingestion | Irritating. Symptoms following overexposure may include the following: Nausea, vomiting. Stomach pain. |
| Skin contact | Repeated exposure may cause skin dryness or cracking. |
| Eye contact | Irritating to eyes. |
| Route of entry | Inhalation Skin absorption Ingestion. |
| Target organs | Central nervous system Eyes Skin |

SECTION 12: Ecological Information

| | |
|--------------------|--|
| Ecotoxicity | The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. |
|--------------------|--|

12.1. Toxicity

| | |
|-----------------|----------------|
| Toxicity | Not available. |
|-----------------|----------------|

12.2. Persistence and degradability

| | |
|--------------------------------------|----------------|
| Persistence and degradability | Not available. |
|--------------------------------------|----------------|

12.3. Bioaccumulative potential

| | |
|----------------------------------|----------------|
| Bioaccumulative potential | Not available. |
|----------------------------------|----------------|

12.4. Mobility in soil

| | |
|-----------------|------------|
| Mobility | Not known. |
|-----------------|------------|

12.5. Results of PBT and vPvB assessment

| | |
|---|----------------|
| Results of PBT and vPvB assessment | Not available. |
|---|----------------|

12.6. Other adverse effects

| | |
|------------------------------|----------------|
| Other adverse effects | Not available. |
|------------------------------|----------------|

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|----------------------------|---|
| General information | Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |
|----------------------------|---|

SECTION 14: Transport information

14.1. UN number

| | |
|-------------------------|------|
| UN No. (ADR/RID) | 1993 |
| UN No. (IMDG) | 1993 |
| UN No. (ICAO) | 1993 |

14.2. UN proper shipping name

| | |
|---------------------------------------|---|
| Proper shipping name (ADR/RID) | FLAMMABLE LIQUID, N.O.S. (ACETONE, TOLUENE) |
| Proper shipping name (IMDG) | FLAMMABLE LIQUID, N.O.S. (ACETONE, TOLUENE) |
| Proper shipping name (ICAO) | FLAMMABLE LIQUID, N.O.S. (ACETONE, TOLUENE) |

FIXT Power System Cleaner

Proper shipping name (ADN) FLAMMABLE LIQUID, N.O.S. (ACETONE, TOLUENE)

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID subsidiary risk

ADR/RID label 3

IMDG class 3

IMDG subsidiary risk

ICAO class/division 3

ICAO subsidiary risk

Transport labels



14.4. Packing group

ADR/RID packing group II

IMDG packing group II

ICAO packing group II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-E, S-E

Emergency Action Code •3YE

Hazard Identification Number (ADR/RID) 33

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 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).

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

FIXT Power System Cleaner

Guidance

Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
Approved Classification and Labelling Guide (Sixth edition) L131.
Safety Data Sheets for Substances and Preparations.
British Aerosol Manufacturers Code of Practice 7th. Edition 1999

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

| | |
|----------------------------------|---|
| Revision comments | Supplemental information added. |
| Revision date | 31/03/2015 |
| Revision | 2 |
| SDS number | 12414 |
| SDS status | Approved. |
| Risk phrases in full | R11 Highly flammable. R36 Irritating to eyes. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. R63 Possible risk of harm to the unborn child. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness. |
| Hazard statements in full | H225 Highly flammable liquid and vapour. H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H315 Causes skin irritation. H319 Causes serious eye irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H361d Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. 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.