# SAFETY DATA SHEET

## Charterhouse Holdings PLC - Xpres Transfer Remover Spray Aerosols

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

1.1. Product identifier

| | |
|---|---|
| Product name | Charterhouse Holdings PLC - Xpres Transfer Remover Spray Aerosols |
| Product number | 121 |

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

| | |
|---|---|
| Identified uses | Transfer & Emblem Remover |

[redacted] Details of the supplier of the safety data sheet

Supplier [redacted]

1.4. Emergency telephone number

| | |
|---|---|
| Emergency telephone | +44 (0) 1476 567615 (MON TO FRI 09:00 - 17:00) |

### SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

| | |
|---|---|
| Physical hazards | Aerosol 1 - H222, H229 |
| Health hazards | Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 2 - H371 STOT SE 3 - H335, H336 STOT RE 2 - H373 |
| Environmental hazards | Not Classified |
| Human health | Vapours and spray/mists in high concentrations are narcotic. See Section 11 for additional information on health hazards. |
| Environmental | The product is not expected to be hazardous to the environment. |
| Physicochemical | Containers can burst violently or explode when heated, due to excessive pressure build-up. The product is extremely flammable. Vapours may form explosive mixtures with air. |

2.2. Label elements

Hazard pictograms

Signal word

# Charterhouse Holdings PLC - Xpres Transfer Remover Spray Aerosols

| | |
|---|---|
| Hazard statements | H222 Extremely flammable aerosol.<br>H229 Pressurised container: may burst if heated.<br>H302 Harmful if swallowed.<br>H315 Causes skin irritation.<br>H319 Causes serious eye irritation.<br>H335 May cause respiratory irritation.<br>H336 May cause drowsiness or dizziness.<br>H351 Suspected of causing cancer.<br>H371 May cause damage to organs .<br>H373 May cause damage to organs through prolonged or repeated exposure. |
| Precautionary statements | P102 Keep out of reach of children.<br>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P211 Do not spray on an open flame or other ignition source.<br>P251 Do not pierce or burn, even after use.<br>P260 Do not breathe vapour/ spray.<br>P270 Do not eat, drink or smoke when using this product.<br>P271 Use only outdoors or in a well-ventilated area.<br>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.<br>P302+P352 IF ON SKIN: Wash with plenty of water.<br>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P312 Call a POISON CENTRE/doctor if you feel unwell.<br>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. |
| Supplemental label information | RCH002b For professional users only. |
| Contains | DICHLOROMETHANE, METHANOL |
| Supplementary precautionary statements | P201 Obtain special instructions before use.<br>P202 Do not handle until all safety precautions have been read and understood.<br>P261 Avoid breathing vapour/ spray.<br>P264 Wash contaminated skin thoroughly after handling.<br>P308+P311 IF exposed or concerned: Call a POISON CENTER or doctor.<br>P308+P313 IF exposed or concerned: Get medical advice/ attention.<br>P314 Get medical advice/ attention if you feel unwell.<br>P321 Specific treatment (see medical advice on this label).<br>P330 Rinse mouth.<br>P332+P313 If skin irritation occurs: Get medical advice/ attention.<br>P337+P313 If eye irritation persists: Get medical advice/ attention.<br>P362+P364 Take off contaminated clothing and wash it before reuse.<br>P403+P233 Store in a well-ventilated place. Keep container tightly closed.<br>P405 Store locked up. |
| 2.3. Other hazards | P501 Dispose of contents/ container in accordance with national regulations. |

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

## SECTION 3: Composition/information on ingredients

3.2. Mixtures

# Charterhouse Holdings PLC - Xpres Transfer Remover Spray Aerosols

| | | | |
|---|---|---|---|
| DICHLOROMETHANE | | | 60-100% |
| CAS number: 75-09-2 | EC number: 200-838-9 | REACH registration number: 01-2119480404-41-XXXX | |

Classification
Skin Irrit. 2 - H315
Carc. 2 - H351
STOT SE 3 - H335, H336
STOT RE 2 - H373

| | | | |
|---|---|---|---|
| PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE | | | 10-30% |
| CAS number: 68476-85-7 | EC number: 270-704-2 | | |

Classification
Flam. Gas 1 - H220
Press. Gas (Comp.) - H280

| | | | |
|---|---|---|---|
| METHANOL | | | 5-10% |
| CAS number: 67-56-1 | EC number: 200-659-6 | REACH registration number: 01-2119433307-44-XXXX | |

Classification
Flam. Liq. 2 - H225
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 3 - H331
STOT SE 1 - H370

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 and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. |
| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If in doubt, get medical attention promptly. |
| Ingestion | Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. Get medical attention. |
| Skin contact | Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing. |
| 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. Get medical attention promptly if symptoms occur after washing. |
| Protection of first aiders | First aid personnel should wear appropriate protective equipment during any rescue. |

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

General information See Section 11 for additional information on health hazards.

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

# Charterhouse Holdings PLC - Xpres Transfer Remover Spray Aerosols

| | |
|---|---|
| Notes for the doctor | Treat symptomatically. |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

| | |
|---|---|
| Suitable extinguishing media | Foam, carbon dioxide or dry powder. |

### 5.2. Special hazards arising from the substance or mixture

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

### 5.3. Advice for firefighters

| | |
|---|---|
| Protective actions during firefighting | Use water to keep fire exposed containers cool and disperse vapours. Cool containers exposed to heat with water spray and remove them from the 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. Ensure suitable respiratory protection is worn during removal of spillages in confined areas. |

### 6.2. Environmental precautions

| | |
|---|---|
| Environmental precautions | Avoid discharge into drains. |

### 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 in vermiculite, dry sand or earth and place into containers. |

### 6.4. Reference to other sections

| | |
|---|---|
| Reference to other sections | For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological 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. Read and follow manufacturer's recommendations. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. Use suitable respiratory protection if ventilation is inadequate. |
| Advice on general occupational hygiene | Wash promptly with soap and water if skin becomes contaminated. Do not eat, drink or smoke when using this product. |

### 7.2. Conditions for safe storage, including any incompatibilities

| | |
|---|---|
| Storage precautions | Protect from freezing and direct sunlight. Store in a dry place. Do not store near heat sources or expose to high temperatures. Keep away from heat, sparks and open flame. |

### 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

DICHLOROMETHANE

# Charterhouse Holdings PLC - Xpres Transfer Remover Spray Aerosols

Long-term exposure limit (8-hour TWA): WEL 100 ppm 353 mg/m³
Short-term exposure limit (15-minute): WEL 200 ppm 706 mg/m³
Sk, BMGV

PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³
Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³
Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³
Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³
Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³
Sk

WEL = Workplace Exposure Limit.
Sk = Can be absorbed through the skin.
BMGV = Biological monitoring guidance value.

DICHLOROMETHANE (CAS: 75-09-2)

| | |
|---|---|
| DNEL | Workers - Dermal; Long term systemic effects: 4750 mg/kg/day<br>Consumer - Inhalation; Short term systemic effects: 353 mg/m³<br>Workers - Inhalation; Short term systemic effects: 706 mg/m³<br>Workers - Inhalation; Long term systemic effects: 353 mg/m³ |
| PNEC | - Fresh water; 0.54 mg/l<br>- Sediment (Freshwater); 4.47 mg/kg<br>- Intermittent release; 0.27 mg/l<br>- Sediment (Marinewater); 1.61 mg/kg<br>- marine water; 0.194 mg/l<br>- STP; 26 mg/l<br>- Soil; 0.583 mg/kg |

METHANOL (CAS: 67-56-1)

| | |
|---|---|
| DNEL | Consumer - Oral; Short term systemic effects: 8 mg/kg/day<br>Consumer - Oral; Long term systemic effects: 8 mg/kg/day<br>Consumer - Dermal; Short term systemic effects: 8 mg/kg/day<br>Workers - Dermal; Short term systemic effects: 40 mg/kg/day<br>Consumer - Dermal; Long term systemic effects: 8 mg/kg/day<br>Workers - Dermal; Long term systemic effects: 40 mg/kg/day<br>Consumer - Inhalation; Short term local effects: 50 mg/m³<br>Consumer - Inhalation; Short term systemic effects: 50 mg/m³<br>Workers - Inhalation; Short term systemic effects: 260 mg/m³<br>Workers - Inhalation; Short term local effects: 260 mg/m³<br>Consumer - Inhalation; Long term local effects: 50 mg/m³<br>Workers - Inhalation; Long term local effects: 260 mg/m³<br>Consumer - Inhalation; Long term systemic effects: 50 mg/m³<br>Workers - Inhalation; Long term systemic effects: 260 mg/m³ |
| PNEC | - Fresh water; 154 mg/l<br>- marine water; 15.4 mg/l<br>- STP; 100 mg/l<br>- Soil; 23.5 mg/kg<br>- Sediment; 570.4 mg/kg<br>- Intermittent release; 1540 mg/l |

# Charterhouse Holdings PLC - Xpres Transfer Remover Spray Aerosols

8.2. Exposure controls

| | |
|---|---|
| Eye/face protection | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. |
| Hand protection | No specific requirements are anticipated under normal conditions of use. |
| Other skin and body protection | Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. |
| Respiratory protection | No specific recommendations. 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 | Aerosol. |
| Colour | Clear. |
| Odour | Solvent. |
| Odour threshold | No information available. |
| pH | No information available. |
| Melting point | No information available. |
| Initial boiling point and range | -41 (-41 TO 64.7)°C @ |
| Flash point | -40°C Closed cup. |
| Evaporation rate | No information available. |
| Evaporation factor | No information available. |
| Flammability (solid, gas) | No information available. |
| Upper/lower flammability or explosive limits | Lower flammable/explosive limit: 1.8 % Upper flammable/explosive limit: 44.0 % |
| Vapour pressure | No information available. |
| Vapour density | No information available. |
| Relative density | 1.044 |
| Solubility(ies) | Slightly soluble in water. |
| Partition coefficient | No information available. |
| Auto-ignition temperature | 455°C |
| Decomposition Temperature | No information available. |
| Viscosity | No information available. |
| Explosive properties | No information available. |
| Oxidising properties | No information available. |

9.2. Other information

| | |
|---|---|
| Other information | None. |

## SECTION 10: Stability and reactivity

10.1. Reactivity

# Charterhouse Holdings PLC - Xpres Transfer Remover Spray Aerosols

| | |
|---|---|
| Reactivity | No test data specifically related to reactivity available for this product or its ingredients. |

10.2. Chemical stability

| | |
|---|---|
| Stability | The product may not be stable under some conditions of storage or use. |

10.3. Possibility of hazardous reactions

| | |
|---|---|
| Possibility of hazardous reactions | None known. |

10.4. Conditions to avoid

| | |
|---|---|
| Conditions to avoid | Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight. |

10.5. Incompatible materials

| | |
|---|---|
| Materials to avoid | None known. |

10.6. Hazardous decomposition products

| | |
|---|---|
| Hazardous decomposition products | None at ambient temperatures. |

## SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

| | |
|---|---|
| ATE oral (mg/kg) | 1,470.58823529 |

Acute toxicity - dermal

| | |
|---|---|
| ATE dermal (mg/kg) | 4,411.76470588 |

Acute toxicity - inhalation

| | |
|---|---|
| ATE inhalation (vapours mg/l) | 44.11764706 |

| | |
|---|---|
| Inhalation | May cause respiratory irritation. May cause drowsiness or dizziness. Vapours in high concentrations are narcotic. Vapours may cause headache, fatigue, dizziness and nausea. |
| Ingestion | Harmful if swallowed. |
| Skin contact | Causes skin irritation. |
| Eye contact | Causes serious eye irritation. |
| Acute and chronic health hazards | Suspected of causing cancer. May cause damage to organs . May cause damage to organs through prolonged or repeated exposure if inhaled. |
| Route of exposure | Inhalation Ingestion Skin and/or eye contact |

Toxicological information on ingredients.

DICHLOROMETHANE

Acute toxicity - oral

| | |
|---|---|
| Acute toxicity oral ($LD_{50}$ mg/kg) | 2,000.0 |
| Species | Rat |

Acute toxicity - dermal

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| | |
|---|---|
| Acute toxicity dermal ($LD_{50}$mg/kg) | 2,000.0 |
| Species | Rat |

METHANOL

| | |
|---|---|
| Acute toxicity - oral | |
| Acute toxicity oral ($LD_{50}$mg/kg) | 2,001.0 |
| Species | Rat |
| ATE oral (mg/kg) | 100.0 |
| Acute toxicity - dermal | |
| Acute toxicity dermal ($LD_{50}$mg/kg) | 2,001.0 |
| Species | Rabbit |
| ATE dermal (mg/kg) | 300.0 |
| Acute toxicity - inhalation | |
| Acute toxicity inhalation ($LC_{50}$ vapours mg/l) | 21.0 |
| Species | Rat |
| ATE inhalation (vapours mg/l) | 3.0 |

## SECTION 12: Ecological information

12.1. Toxicity

Ecological information on ingredients.

DICHLOROMETHANE

| | |
|---|---|
| Acute aquatic toxicity | |
| Acute toxicity - fish | $LC_{50}$, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) |
| Acute toxicity - aquatic invertebrates | $EC_{50}$, : 27 mg/l, Daphnia magna<br>$EC_{50}$, 48 hours: 220 mg/l, Daphnia magna<br>$LC_{50}$, 96 hours: 244 mg/l, Daphnia magna |
| Acute toxicity - aquatic plants | $EC_{50}$, 96 hours: >660 mg/l, Selenastrum capricornutum |

METHANOL

| | |
|---|---|
| Acute aquatic toxicity | |
| Acute toxicity - fish | $LC_{50}$, 96 hours: 15400 mg/l, Lepomis macrochirus (Bluegill) |
| Acute toxicity - aquatic invertebrates | $EC_{50}$, 24 hours: 7600 mg/l, Daphnia magna |
| Acute toxicity - aquatic plants | $EC_{50}$, 96 hours: 22000 mg/l, Pseudokirchneriella subcapitata |

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| | |
|---|---|
| Acute toxicity - microorganisms | $IC_{50}$, 3 hours: >1000 mg/l, Activated sludge |

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

| | |
|---|---|
| Partition coefficient | No information available. |

Ecological information on ingredients.

METHANOL

| | |
|---|---|
| Bioaccumulative potential | log Kow: -0.77, |

12.4. Mobility in soil

| | |
|---|---|
| Mobility | No data available. |

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

| | |
|---|---|
| Other adverse effects | None known. |

## SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|---|---|
| General information | Dispose of waste product or used containers in accordance with local regulations Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. |
| Disposal methods | Containers should be thoroughly emptied before disposal because of the risk of an explosion. |
| | Do not pierce or burn, even after use. |
| Waste class | The waste code classification is to be carried out according to the European Waste Catalogue (EWC). |

## SECTION 14: Transport information

14.1. UN number

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

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)

# Charterhouse Holdings PLC - Xpres Transfer Remover Spray Aerosols

| | |
|---|---|
| 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

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

## SECTION 15: Regulatory information

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

| | |
|---|---|
| National regulations | The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824). |
| 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 (as amended).<br>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).<br>Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).<br>Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste. |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

| | |
|---|---|
| Revision date | 05/02/2020 |
| Revision | 3 |
| Supersedes date | 12/01/2018 |
| SDS number | 5268 |

# Charterhouse Holdings PLC - Xpres Transfer Remover Spray Aerosols

Hazard statements in full

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H229 Pressurised container: may burst if heated.
H280 Contains gas under pressure; may explode if heated.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H370 Causes damage to organs .
H371 May cause damage to organs .
H373 May cause damage to organs through prolonged or repeated exposure.