

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name:** GREY PRIMER PAINT

**Article number:** P303

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

**Product category:** PC9a: Coatings and paints, thinners, paint removers.

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier:** TYGRIS Industrial  
Unit 31, Kyle Road Industrial Estate  
Irvine  
Ayrshire  
KA12 8LE  
Tel +44 (0) 1294 311 066  
Fax +44 (0) 1294 277 115  
Email [technical@tygrisindustrial.com](mailto:technical@tygrisindustrial.com)

**Further information obtainable from:** Technical Department

**1.4 Emergency telephone number:** Tel +44 (0) 1294 311 066

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

**Physical hazards:** Aerosol 1 - H222, H229  
**Health hazards:** Eye Irrit. 2 - H319, STOT SE 3 - H336  
**Aquatic hazards:** Aquatic Chronic 3 - H412

### 2.2. Label elements

**Hazard Statements:** H222: Extremely flammable aerosol.  
H229: Pressurised container: may burst if heated  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H412: Harmful to aquatic life with long lasting effects.

**Hazard pictograms:** GHS02: Flame  
GHS07: Exclamation mark



**Signal Word:** Danger

**Precautionary Statements:** 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.  
P260: Do not breathe spray.  
P410 + P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501: Dispose of contents/container in accordance with local regulations.

**Contains:** acetone, n-butyl acetate, butan-1-ol

**Additional information:** EUH066: Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

### 3. Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous ingredients:

##### ACETONE

(Registration number: 01-2119471330-49-XXXX)

EC	CAS	Index number	CLP Classification	Percent
200-662-2	67-64-1	606-001-00-8	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	25-50%

##### DIMETHYL ETHER

(Registration number: 01-2119472128-37-xxxx)

204-065-8	115-10-6	603-019-00-8	Flam. Gas 1 - H220 Press. Gas C - H280	20-25%
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##### N-BUTYL ACETATE

(Registration number: 01-2119485493-29-xxxx)

204-658-1	123-86-4	607-025-00-1	Flam. Liq. 3 - H226 STOT SE 3 - H336	5-10%
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##### PROPANE

(Registration number: 01-2119486944-21-xxxx)

200-827-9	74-98-6	601-003-00-5	Flam. Gas 1 - H220 Press. Gas C - H280	5-10%
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##### 2-METHOXY-1-METHYLETHYL ACETATE

(Registration number: 01-2119475791-29-xxxx)

203-603-9	108-65-6	607-195-00-7	Flam. Liq. 3 - H226	5-10%
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##### BUTANE

(Registration number: 01-2119474691-32-xxxx)

203-448-7	106-97-8	601-004-00-0	Flam. Gas 1 - H220 Press. Gas C - H280	5-10%
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##### ISOBUTANE

(Registration number: 01-2119485395-27-xxxx)

200-857-2	75-28-5	601-004-00-0	Flam. Gas 1 - H220 Press. Gas C - H280	5-10%
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BUTAN-1-OL  
 (Registration number: 01-2119484630-38-xxxx)

200-751-6	71-36-3	603-004-00-6	Flam. Liq. 3 - H226 Eye Dam. 1 - H318 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 STOT SE 3 - H335-H336	1-2.5%
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 NITROCELLULOSE SOLUTIONS,  
 with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose

-	9004-70-0	-	Flam. Sol. 1 - H228	1-2.5%
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 TRIZINC BIS(ORTHOPHOSPHATE)  
 (Registration number: 01-2119485044-40-xxxx)

231-944-3	7779-90-0	030-011-00-6	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	0.1-1%
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The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

- Skin contact:** Generally the product does not irritate the skin.
- Eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- Ingestion:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
- Inhalation:** Supply fresh air; consult doctor in case of complaints.

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

**Important symptoms / effects:** No further relevant information available.

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

**Immediate / special treatment:** No further relevant information available.

## 5. Firefighting measures

### 5.1 Extinguishing media

**Extinguishing media:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Unsuitable extinguishing media:** Water with full jet.

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

**Exposure hazards:** No further relevant information available.

### 5.3. Advice for fire-fighters

**Special protective equipment for firefighters:** No special measures required.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Ensure adequate ventilation. Keep away from ignition sources.

### 6.2. Environmental precautions

**Environmental precautions:** Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Ensure adequate ventilation.

### 6.4. Reference to other sections

**Reference to other sections:** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## 7. Handling and storage

### 7.1 Precautions for safe handling

**Handling requirements:** Ensure good ventilation/exhaustion at the workplace.

**Fire and explosion protection:** Do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.  
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

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

**Storage conditions:** Store in a cool location. Observe official regulations on storing packagings with pressurised containers. Protect from heat and direct sunlight.

### 7.3. Specific end use(s)

**Specific end use(s):** No further relevant information available.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Workplace exposure limits:

##### ACETONE 67-64-1

Long-term exposure limit (8-hour TWA)	Short-term exposure limit (15-minute)	Carcinogenic
WEL 500 ppm, 1210 mg/m <sup>3</sup>	WEL 1500 ppm, 3620 mg/m <sup>3</sup>	-

##### DIMETHYL ETHER 115-10-6

WEL 400 ppm, 766 mg/m <sup>3</sup>	WEL 500 ppm, 958 mg/m <sup>3</sup>	-
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##### N-BUTYL ACETATE 123-86-4

WEL 150 ppm, 724 mg/m <sup>3</sup>	WEL 200 ppm, 966 mg/m <sup>3</sup>	-
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##### 2-METHOXY-1-METHYLETHYL ACETATE 108-65-6

WEL 50 ppm, 274 mg/m <sup>3</sup>	WEL 100 ppm, 548 mg/m <sup>3</sup>	-
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##### BUTANE 106-97-8

WEL 150 ppm, 724 mg/m <sup>3</sup>	WEL 200 ppm, 966 mg/m <sup>3</sup>	If more than 0.1% of buta-1.3-diene
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##### BUTAN-1-OL 71-36-3

-	WEL 50 ppm, 154 mg/m <sup>3</sup>	-
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WEL = Workplace Exposure Limits

### 8.2. Exposure controls

#### Protective equipment:



#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes. Avoid contact with the eyes and skin.

#### Respiratory protection:

Not required.

#### Hand protection:

Not required.

#### Eye protection:

Tightly sealed goggles.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>State:</b>	Aerosol
<b>Colour:</b>	Grey
<b>Odour:</b>	Solvent-like
<b>Initial boiling point and range:</b>	Not applicable, as aerosol.
<b>Flash point:</b>	Not applicable, as aerosol.
<b>Ignition temperature:</b>	240°C (464°F)
<b>Self-igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>Explosion limits:</b>	Lower: 2.6 Vol % Upper: 26.2 Vol %
<b>Vapour pressure:</b>	4000 hPa (3000 mm Hg) @ 20°C (68°F)
<b>Density:</b>	0.75 g/cm <sup>3</sup> (6.259 lbs/gal)
<b>Solubility(ies):</b>	Not miscible or difficult to mix.
<b>Solvent content:</b>	89.7% organic solvents
<b>EU-VOC:</b>	674.0 g/l
<b>EU-VOC in %:</b>	89.74%
<b>Water:</b>	0.2%
<b>Solids content:</b>	7.1%

### 9.2. Other information

**Other information:** No further relevant information available.

## 10. Stability and reactivity

### 10.1. Reactivity

**Reactivity:** No further relevant information available.

### 10.2. Chemical stability

**Chemical stability:** No decomposition if used according to specifications.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** No dangerous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid:** No further relevant information available.

### 10.5. Incompatible materials

**Materials to avoid:** No further relevant information available.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products:** No dangerous decomposition products known.



## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

##### ACETONE 67-64-1

Oral	RAT	LD50	5800	mg/kg
Dermal	RBT	LD50	20000	mg/kg
Inhalative	RAT	4H LC50	39	mg/m <sup>3</sup>

##### DIMETHYL ETHER 115-10-6

Inhalative	RAT	4H LC50	308	mg/m <sup>3</sup>
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##### N-BUTYL ACETATE 123-86-4

Oral	RAT	LD50	10770	mg/kg
Dermal	RBT	LD50	>17600	mg/kg
Inhalative	RAT	4H LC50	>21.0	mg/m <sup>3</sup>

##### 2-METHOXY-1-METHYLETHYL ACETATE 108-65-6

Oral	RAT	LD50	8532	mg/kg
Dermal	RBT	LD50	>5000	mg/kg
Inhalative	RAT	4H LC50	35.7	mg/m <sup>3</sup>

##### BUTANE 106-97-8

Inhalative	RAT	4H LC50	658000	mg/m <sup>3</sup>
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##### BUTAN-1-OL 71-36-3

Oral	RAT	LD50	2292	mg/kg
Dermal	RBT	LD50	3430	mg/kg
Inhalative	RAT	4H LC50	17.76	mg/m <sup>3</sup>

##### TRIZINC BIS (ORTHOPHOSPHATE) 7779-90-0

Oral	MOUSE	LD50	522	mg/kg
Oral	RAT	LD50	>5000	mg/kg

**Primary irritant effect**

**Skin contact:** No data available.  
**Eye contact:** Causes serious eye irritation.  
**Inhalation:** No data available.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity:** No data available.  
**Carcinogenicity:** No data available.  
**Reproductive toxicity:** No data available.  
**STOT-single exposure:** May cause drowsiness or dizziness.  
**STOT-repeated exposure:** No data available.  
**Aspiration hazard:** No data available.

## 12. Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

##### ACETONE 67-64-1

DAPHNIA MAGNA	48H EC50	8800	mg/l
DAPHNIA MAGNA	48H LC50	2262	mg/l
FISH	96H LC50 (static)	5540	mg/l

##### DIMETHYL ETHER 115-10-6

DAPHNIA MAGNA	48H EC50	> 4000	mg/l
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##### N-BUTYL ACETATE 123-86-4

DAPHNIA MAGNA	48H EC50	44	mg/l
ALGAE	96H EC50	320	mg/l
FISH	24H LC50	205	mg/l
PIMEPHALES PROMELAS	96H LC50	18	mg/l

##### 2-METHOXY-1-METHYLETHYL ACETATE 108-65-6

DAPHNIA MAGNA	EC50	408	mg/l
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##### BUTAN-1-OL 71-36-3

DAPHNIA MAGNA	48H EC50	1328	mg/l
ALGAE	72H EC50	8500	mg/l
PIMEPHALES PROMELAS	96H LC50	1376	mg/l

##### 7779-90-0 TRIZINC BIS (ORTHOPHOSPHATE)

DAPHNIA MAGNA	48H EC50	0.04	mg/l
ALGAE	72H EC50	0.136	mg/l
FISH	96H LC50 (dynamic)	0.14	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** No further relevant information available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No further relevant information available.

**12.4. Mobility in soil**

**Mobility:** No further relevant information available.

**Additional ecological information:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** No further relevant information available.

**13. Disposal considerations****13.1. Waste treatment methods**

**General information:** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**European waste catalogue:** 08 01 11\* waste paint and varnish containing organic solvents or other hazardous substances.  
15 01 04 metallic packaging.

**Uncleaned packaging:** Non contaminated packagings may be recycled.

**14. Transport information**

**UN Number (ADR):** 1950

**UN Number (IMDG):** 1950

**UN Number (IATA):** 1950

**14.2 UN proper shipping name**

**Proper shipping name (ADR):** 1950 AEROSOLS

**Proper shipping name (IMDG):** AEROSOLS

**Proper shipping name (IATA):** AEROSOLS, flammable

**14.3. Transport hazard class(es)**

**ADR class:** 2,5F Gases  
**ADR label:** 2.1  
**IMDG, IATA class:** 2.1  
**IMDG, IATA label:** 2.1  
**Transport labels:**



**14.4. Packing group**

**Packing group:** Not applicable.

**14.5 Environmental hazards**

**Marine pollutant:** No.

**14.6 Special precautions for user**

**Warning:** Gases

**EmS:** F-D, S-U

**Stowage code:** SW1 Protected from sources of heat.  
 SW22 For AEROSOLS with a maximum capacity of 1 litre:  
 Category A. For AEROSOLS with a capacity above 1 litre:  
 Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

**Segregation code:** SG69 For AEROSOLS with a maximum capacity of 1 litre:  
 Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.  
 For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate  
 subdivision of class 2. For WASTE AEROSOLS:  
 Segregation as for the appropriate subdivision of class 2.

**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.

**Transport/Additional information:**

**ADR/IMDG Limited quantities (LQ)** 1L

**ADR/IMDG Excepted quantities (EQ)** Code: E0  
Not permitted as Excepted Quantity

**ADR/IMDG Transport category:** 2

**ADR/IMDG Tunnel restriction code:** D

**UN "Model Regulation":** UN 1950 AEROSOLS, 2.1

## 15. Regulatory information

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

Directive 2012/18/EU

**Named dangerous substances - ANNEX I:** None of the ingredients is listed.

**Seveso category:** P3a FLAMMABLE AEROSOLS

**Qualifying quantity (tonnes) for the application of lower-tier requirements:** 150 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements:** 500 t

**Chemical safety assessment:** No chemical safety assessment has been carried out.

## 16. Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

**Phrases used in s.2 and s.3:** H220: Extremely flammable gas.  
H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.  
H228: Flammable solid.  
H280: Contains gas under pressure; may explode if heated.  
H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

**Phrases used in s.2 and s.3:** RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
ICAO: International Civil Aviation Organisation  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Gas 1: Flammable gases – Category 1  
Aerosol 1: Aerosols – Category 1  
Press. Gas C: Gases under pressure – Compressed gas  
Flam. Liq. 2: Flammable liquids – Category 2  
Flam. Liq. 3: Flammable liquids – Category 3  
Flam. Sol. 1: Flammable solids – Category 1  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**Legal disclaimer** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.