

**SAFETY DATA SHEET**  
GALTEC DESCALER & RUST REMOVER

Page: 1

Compilation date: 28/07/2015

Revision date: 10/02/2020

Revision No: 2

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** GALTEC DESCALER & RUST REMOVER

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

**Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based products).

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Burgess Galvin & Co Limited

Jamestown Road

Finglas

Dublin 11

+353 (0) 1 8342255

**Tel:** + 353 (0) 1 8342255

**Email:** [technical@burgessgalvin.ie](mailto:technical@burgessgalvin.ie)

**1.4. Emergency telephone number**

**Emergency tel:** 353 (0) 1 8342255

NPIC + 353 (0) 1 8092166

(8.00am to 10.00pm 7 days a week)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Skin Corr. 1A: H314; STOT SE 3: H335

**Most important adverse effects:** Causes severe skin burns and eye damage. May cause respiratory irritation.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H314: Causes severe skin burns and eye damage.

H335: May cause respiratory irritation.

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark



**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

[cont...]

# SAFETY DATA SHEET

## GALTEC DESCALER & RUST REMOVER

Page: 2

P264: Wash skin thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a POISON CENTRE or doctor if you feel unwell.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

P363: Wash contaminated clothing before reuse.

### 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### HYDROCHLORIC ACID

| EINECS    | CAS       | PBT / WEL | CLP Classification                                       | Percent |
|-----------|-----------|-----------|--|---------|
| 231-595-7 | 7647-01-0 | -         | Skin Corr. 1B: H314; STOT SE 3: H335; Met. Corr. 1: H290 | 10-30%  |

##### 2-BUTOXYETHANOL

|           |          |   |   |       |
|-----------|----------|---|---|-------|
| 203-905-0 | 111-76-2 | - | Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315 | 1-10% |
|-----------|----------|---|---|-------|

##### C9-11 ALCOHOL ETHOXYLATE WITH 6.5MEO

|   |            |   |                                      |       |
|---|------------|---|--------------------------------------|-------|
| - | 68439-45-2 | - | Acute Tox. 4: H302; Eye Dam. 1: H318 | 1-10% |
|---|------------|---|--------------------------------------|-------|

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

**Eye contact:** Rinse immediately with plenty of water also under the eyelids for at least 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

[cont...]

# SAFETY DATA SHEET

## GALTEC DESCALER & RUST REMOVER

Page: 3

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

**Skin contact:** Irritation or pain may occur at the site of contact. Blistering may occur. Severe burns may occur.

**Eye contact:** The eyes may water profusely. There may be severe pain. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Corrosive burns may appear around the lips. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** The product itself does not burn Suitable extinguishing media for the surrounding fire should be used.

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

**Exposure hazards:** In combustion emits toxic fumes of hydrogen chloride / phosgene. Contact with some metals, aluminium, zinc can produce flammable hydrogen gas.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. If the product contaminates rivers, lakes or drains inform respective authorities

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

[cont...]

# SAFETY DATA SHEET

## GALTEC DESCALER & RUST REMOVER

Page: 4

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Do not handle in a confined space. Avoid the formation or spread of mists in the air.  
Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

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

**Storage conditions:** Keep in an area equipped with acid-resistant flooring. Store in a cool, well ventilated area. Keep container tightly closed. Avoid incompatible materials and conditions - see section 10 of SDS.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** PC35: Washing and cleaning products (including solvent based products).

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**HYDROCHLORIC ACID**

**Workplace exposure limits:**

**Respirable dust:**

| State | 8 hour TWA          | 15 min. STEL         | 8 hour TWA | 15 min. STEL |
|-------|---------------------|----------------------|------------|--------------|
| IE    | 8 mg/m <sup>3</sup> | 15 mg/m <sup>3</sup> | -          | -            |

**2-BUTOXYETHANOL**

|    |                      |                       |   |   |
|----|----------------------|-----------------------|---|---|
| IE | 98 mg/m <sup>3</sup> | 246 mg/m <sup>3</sup> | - | - |
|----|----------------------|-----------------------|---|---|

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Combination filter: E-P2 Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Gloves (acid resistant). PVC gloves. Butyl gloves. Nitrile gloves. Breakthrough time of the glove material > 8 hours.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

[cont...]

# SAFETY DATA SHEET

## GALTEC DESCALER & RUST REMOVER

Page: 5

**Skin protection:** Acid-resistant protective clothing.

### Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Colourless

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** No data available.

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** No data available.

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** 1.07 kg/l

**pH:** <1.2

**VOC g/l:** No data available.

#### 9.2. Other information

**Other information:** No data available.

### Section 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

#### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below. Gives off hydrogen by reaction with metals.

#### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

#### 10.5. Incompatible materials

**Materials to avoid:** Metals. Strong oxidising agents. Bases.

#### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of hydrogen chloride / phosgene.

### Section 11: Toxicological information

[cont...]

**SAFETY DATA SHEET**  
GALTEC DESCALER & RUST REMOVER

Page: 6

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**2-BUTOXYETHANOL**

|     |     |      |      |       |
|-----|-----|------|------|-------|
| IVN | RAT | LD50 | 307  | mg/kg |
| ORL | MUS | LD50 | 1230 | mg/kg |
| ORL | RAT | LD50 | 470  | mg/kg |

**C9-11 ALCOHOL ETHOXYLATE WITH 6.5MEO**

|      |     |      |      |       |
|------|-----|------|------|-------|
| ORAL | RAT | LD50 | 1360 | mg/kg |
|------|-----|------|------|-------|

**Relevant hazards for product:**

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Skin corrosion/irritation     | DRM   | Hazardous: calculated |
| Serious eye damage/irritation | OPT   | Hazardous: calculated |
| STOT-single exposure          | INH   | Hazardous: calculated |

**Symptoms / routes of exposure**

**Skin contact:** Irritation or pain may occur at the site of contact. Blistering may occur. Severe burns may occur.

**Eye contact:** The eyes may water profusely. There may be severe pain. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Corrosive burns may appear around the lips. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

[cont...]

**SAFETY DATA SHEET**  
GALTEC DESCALER & RUST REMOVER

Page: 7

**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:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN3264

**14.2. UN proper shipping name**

**Shipping name:** CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.  
(Hydrochloric acid)

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

**Transport class:** 8

**14.4. Packing group**

**Packing group:** II

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

**Section 15: Regulatory information**

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

**Specific regulations:** Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). Ingredients are listed with classification under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients according to EC Detergents Regulation 648/2004 : Contains Hydrochloric Acid, Non Ionic Surfactants: <5%,

[cont...]

**SAFETY DATA SHEET**  
GALTEC DESCALER & RUST REMOVER

Page: 8

**15.2. Chemical Safety Assessment**

**Section 16: Other information**

**Other information**

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

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H290: May be corrosive to metals.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

**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.