

# SAFETY DATA SHEET

STAINLESS STEEL CLEANER 0503

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Compilation date: 29/07/2015

Revision date: 17/01/2017

Revision No: 2

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

### 1.1 . Product identifier

**Product name:** STAINLESS STEEL CLEANER 0503

### 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:** CHEMDOEX LTD

Canal Road

Worksop

Nottinghamshire

S80 2EH

**Tel:** 01909 473301

**Fax:**

**Email:** sales@chemodex.co.uk

### 1.4 . Emergency telephone number

**Emergency tel:** 01909 473301

( office hours only )

## Section 2: Hazards identification

### 2.1 . Classification of the substance or mixture

**Classification under CLP:**

Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411; Flam. Aerosol 1: H222; -:

H229

**Most important adverse effects:** Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

### 2.2 . Label elements

**Label elements:**

**Hazard statements:** H222: Extremely flammable aerosol.

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H229: Pressurised container: May burst if heated

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

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**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark

GHS09: Environmental



**Signal words:** 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.

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

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

## 2.3 . Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

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

## Section 3: Composition/information on ingredients

### 3.2 . Mixtures

#### Hazardous ingredients:

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-151-9	64742-49-0	-	Flam. Liq. 2: H225; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; STOT SE 3: H336; Asp. Tox. 1: H304	10-30 %

PROPANE

200-827-9	74-98-6	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10-30 %
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BUTANE

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203-448-7	106-97-8	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	1-10 %
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ISOBUTANE

200-857-2	75-28-5	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	1-10 %
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HYDROCARBONS, C9-12, N-ALKANES, ISOALKANES, CYCLICS, (2-25%) AROMATICS - REACH registered number (s): 01-2119458049-33

919-446-0	-	-	Flam. Liq. 3: H226; STOT SE 3: H336; Asp. Tox. 1: H304; Aquatic Chronic 2: H411; -: EUH066	1-10 %
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## 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.  
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Do not induce vomiting. Consult a doctor.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** No data available.

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1 . Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

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

**Exposure hazards:** Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

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## 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. Eliminate all sources of ignition. If outside do not approach from downwind.

### 6.2 . Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Do not use equipment in clean-up procedure which may produce sparks. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

### 6.4 . Reference to other sections

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

## Section 7: Handling and storage

### 7.1 . Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Smoking is forbidden. Use non-sparking tools.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Keep away from sources of ignition.

**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:**

**NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT**

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## Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1000mg/m3	-	-	-

## PROPANE

UK	1800 mg/m3	7200 mg/m3	-	-
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## BUTANE

UK	1450 mg/m3	1810 mg/m3	-	-
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## ISOBUTANE

UK	2400 mg/m3	9600 mg/m3	-	-
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## DNEL/PNEC Values

### Hazardous ingredients:

## NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

Type	Exposure	Value	Population	Effect
DNEL	Dermal	773mg/kg/day	Workers	Systemic
DNEL	Inhalation	2035mg/m3	Workers	Systemic
DNEL	Dermal	699mg/kg/day	Consumers	Systemic
DNEL	Inhalation	608mg/m3	Consumers	Systemic
DNEL	Oral	699mg/kg/day	Consumers	Systemic

## 8.2 . Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Chemically resistant gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

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## Section 9: Physical and chemical properties

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

**State:** Aerosol

**Colour:** White

**Odour:** Characteristic odour

**Solubility in water:** Slightly soluble

**Also soluble in:** Most organic solvents.

**Flash point°C:** -60

**Relative density:** 0.78

### 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. Stable at room temperature.

### 10.3 . Possibility of hazardous reactions

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

### 10.4 . Conditions to avoid

**Conditions to avoid:** Direct sunlight. Heat. Hot surfaces. Sources of ignition. Flames.

### 10.5 . Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6 . Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1 . Information on toxicological effects

**Hazardous ingredients:**

**NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT**

DERMAL	RAT	LD50	>2000	mg/kg
GASES	RAT	4H LC50	>20	mg/l

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ORAL	RAT	LD50	>2000	mg/kg
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## Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

## Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** No data available.

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1 . Toxicity

**Hazardous ingredients:**

#### NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

ALGAE	72H IC50	<10	mg/l
DAPHNIA	48H EC50	<10	mg/l
FISH	96H LC50	<10	mg/l

### 12.2 . Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3 . Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4 . Mobility in soil

**Mobility:** Absorbed only slowly into soil.

### 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:** Toxic to aquatic organisms.

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## Section 13: Disposal considerations

### 13.1 . Waste treatment methods

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

**Recovery operations:** Not applicable.

**Disposal of packaging:** Not applicable.

**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:** UN1950

### 14.2 . UN proper shipping name

**Shipping name:** AEROSOLS

### 14.3 . Transport hazard class(es )

**Transport class:** 2

### 14.4 . Packing group

### 14.5 . Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** No

### 14.6 . Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D

**Transport category:** 2

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## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 15.2 . Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

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

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

**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. Please note that due to the on-going change in regulation from CHIP to CLP, any MSDS information supplied by LMA is only considered accurate at the time of its creation. During this time classifications of substances may change. Therefore it is possible that can art work and MSDS information may differ. As such if you have any concerns we recommend you request a new MSDS from us every 6-12 months.