



# SAFETY DATA SHEET

## S.S.C. Stainless Steel Cleaner

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>PRODUCT NAME</b>	S.S.C. Stainless Steel Cleaner
<b>PRODUCT NO.</b>	A189 EV
<b>INTERNAL ID</b>	P.75
<b>APPLICATION</b>	Neutral, Cleaner for Stainless Steel
<b>SUPPLIER</b>	Evans Vanodine International Brierley Road Walton Summit Preston. PR5 8AH Tel: 01772 322 200 Fax: 01772 626 000 qclab@evansvanodine.co.uk
<b>EMERGENCY TELEPHONE</b>	New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri Technical Advice - 8.30am to 4.45pm - 01772 318 818 - Mon to Fri

### 2 HAZARDS IDENTIFICATION

Flammable.

**CLASSIFICATION** R10.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
PROPAN-2-OL	200-661-7	67-63-0	10-20%	F;R11 Xi;R36 R67
2-BUTOXYETHANOL	203-905-0	111-76-2	5-10%	Xn;R20/21/22 Xi;R36/38

The Full Text for all R-Phrases are Displayed in Section 16

### 4 FIRST-AID MEASURES

#### INHALATION

Not relevant. Inhalation unlikely.

#### INGESTION

Drink a few glasses of water or milk. DO NOT INDUCE VOMITING! Get medical attention if any discomfort continues.

#### SKIN CONTACT

Wash skin with soap and water.

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use: Foam, carbon dioxide or dry powder.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

May explode in a fire.

#### SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

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## PROTECTIVE MEASURES IN FIRE

Keep containers cool by spraying with water to reduce explosion risks. Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Do not smoke, use naked flames or other sources of ignition. No special protective clothing. (See Sec 8)

### ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### SPILL CLEAN UP METHODS

Small quantities may be flushed to drains with plenty of water. Large Spillages Pick up with vacuum or absorbent solid, store in closed container for disposal.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Eliminate all sources of ignition.

### STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
2-BUTOXYETHANOL	WEL	25 ppm(Sk)		50 ppm(Sk)	
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limit for COSHH assessments in the UK, -----  
ST = Short-Term Exposure Limit (15 minute) & LT = Long-Term Exposure Limit (8 hours).

### ENGINEERING MEASURES

Not relevant.

### RESPIRATORY EQUIPMENT

Respiratory protection not required.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. (Household rubber gloves.)

### EYE PROTECTION

None required.

### OTHER PROTECTION

None required.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Liquid		
<b>COLOUR</b>	Clear Blue		
<b>ODOUR</b>	Faint Odour of alcohol		
<b>SOLUBILITY</b>	Soluble in water		
<b>BOILING POINT (°C)</b>	85	<b>MELTING POINT (°C)</b>	-5
<b>RELATIVE DENSITY</b>	0.980 @ 20 °c	<b>pH-VALUE, CONC. SOLUTION</b>	7.00
<b>FLASH POINT (°C)</b>	35 P/M Pensky-Martens.		

## 10 STABILITY AND REACTIVITY

### STABILITY

No particular stability concerns.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

# S.S.C. Stainless Steel Cleaner

## MATERIALS TO AVOID

No incompatible groups noted.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

Refer to section 2.

#### Other Health Effects

Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment.

### BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

### DEGRADABILITY

This product, at use dilutions, is readily broken down in biological effluent treatment plants.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

## 14 TRANSPORT INFORMATION



**PROPER SHIPPING NAME** ALCOHOLS, N.O.S. (isopropanol)

**ROAD TRANSPORT NOTES** Please note : Product in pack size of 5 Litres or less is classed as a "Limited Quantity" for Transport and so will have the white UN1987 Transport hazard diamond (Evans Code:HL1610). Pack size greater than 5 litres will have the red Flammable Liquid UN1987 Transport hazard diamond (Evans Code:HL1380).

<b>UN NO. ROAD</b>	1987	<b>ADR CLASS</b>	Class 3: Flammable liquids.
<b>ADR PACK GROUP</b>	III	<b>RID CLASS NO.</b>	Class 3: Flammable liquids.
<b>RID PACK GROUP</b>	III	<b>UN NO. SEA</b>	1987
<b>IMDG CLASS</b>	Class 3: Flammable liquids.	<b>IMDG PACK GR.</b>	III
<b>MARINE POLLUTANT</b>	No.	<b>UN NO. AIR</b>	1987
<b>AIR CLASS</b>	Class 3: Flammable liquids.	<b>AIR PACK GR.</b>	III

## 15 REGULATORY INFORMATION

### RISK PHRASES

R10 Flammable.

### SAFETY PHRASES

S2 Keep out of the reach of children

S46 If swallowed, seek medical advice immediately and show this container or label.

S51 Use only in well-ventilated areas.

### ENVIRONMENTAL LISTING

Hazardous Waste (England and Wales) Regulations.

# S.S.C. Stainless Steel Cleaner

## EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC. As amended by Directive 93/112/EC, 2001/58/EC and 2006/8/EC.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. 2008

## APPROVED CODE OF PRACTICE

The compilation of safety Data Sheets L130.

## GUIDANCE NOTES

Workplace Exposure Limits EH40. As amended in 2005. Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100

## 16 OTHER INFORMATION

### INFORMATION SOURCES

Approved Supply List - HSC (Health & Safety Commission) Material Safety Data Sheet, Misc. manufacturers.

### REVISION COMMENTS

Safety Data Sheet was reviewed as previous issue was over 3 years - No changes were required - So re-issued with additions to Section 1 and change of order of sections 2 and 3 so compliant for REACH.

**REVISION DATE** 05/02/09

**REV. NO./REPL. SDS** Issue 3

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### RISK PHRASES IN FULL

R11	Highly flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R67	Vapours may cause drowsiness and dizziness.