



Unilever

## SAFETY DATA SHEET

### Cif Stainless Steel Spray

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

PRODUCT NAME Cif Stainless Steel Spray

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PRODUCT NO. 8315207/4/06.02.2008, 8339781/2/03-04-2007

APPLICATION Cleaner for Stainless Steel

EMERGENCY TELEPHONE 0137294 8999

CONTAINER SIZE Bottle with Spray Nozzle

#### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
secondary alkane (C13-C17) sulphonate, sodium salt		85711-69-9	1-5%	Xi;R38,R41.
citric acid monohydrate		5949-29-1	1-5%	Xi;R36.
C11 alcohol ethoxylate (10 EO)		34398-01-1	1-5%	Xn;R22. Xi;R41.
PHOSPHORIC ACID ...%	231-633-2	7664-38-2	< 1%	C;R34

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

#### COMPOSITION COMMENTS

For confidentiality reasons, the levels of components listed in Section 3 are given in percentage bands. The bandings do not reflect potential variation in composition of this formulation, but are used simply to mask the exact component levels, which we consider to be proprietary information. The classification given in Section 2 and 15 reflects the exact composition of this mixture.

#### 4 FIRST-AID MEASURES

##### INHALATION

In case of accident by inhalation: remove casualty to fresh air and keep at rest. Get medical attention if any discomfort continues.

##### INGESTION

If swallowed, rinse mouth with water (only if the person is conscious). In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). Contact physician if larger quantity has been consumed.

##### SKIN CONTACT

Rinse the skin immediately with lots of water. Get medical attention if any discomfort continues.

##### EYE CONTACT

Rinse the eye with water immediately. Get medical attention if any discomfort continues.

#### 5 FIRE-FIGHTING MEASURES

## Cif Stainless Steel Spray

### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

### SPECIFIC HAZARDS

When heated and in case of fire, toxic vapours/gases may be formed.

### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

In case of spills, beware of slippery floors and surfaces. Wash thoroughly after dealing with a spillage. For industrial settings: Wear protective clothing as described in Section 8 of this safety data sheet.

### ENVIRONMENTAL PRECAUTIONS

Small quantities can be dissolved/diluted in water and flushed to drain. Large Spillages: Avoid discharge into drains, water courses or onto the ground. If risk of water pollution occurs, notify appropriate authorities.

### SPILL CLEAN UP METHODS

Small or household quantities may be cleaned up and disposed of with normal household waste. For industrial settings: Collect with absorbent, non-combustible material into suitable containers. Wash contaminated area with water. For waste disposal, see section 13.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid contact with eyes. For prolonged or repeated skin contact use suitable protective gloves. For industrial settings: Use appropriate engineering controls and personal precautions as defined in Section 8.

### STORAGE PRECAUTIONS

Keep in original container. Store at moderate temperatures in dry, well ventilated area.

### STORAGE CLASS

Unspecified storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
PHOSPHORIC ACID ...%	WEL		1 mg/m3		2 mg/m3	

WEL = Workplace Exposure Limit.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. For industrial settings: Wear protective gloves. Refer to local risk assessment for further details

### EYE PROTECTION

For industrial settings: Use eye protection.

### HYGIENE MEASURES

Wash hands after handling. Observe good chemical hygiene practices.

### SKIN PROTECTION

For industrial settings: Wear appropriate clothing to prevent repeated or prolonged skin contact.

### ENVIRONMENTAL EXPOSURE CONTROLS

For industrial settings: Do not discharge into drains, water courses or onto the ground. If risk of water pollution occurs, notify appropriate authorities.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
RELATIVE DENSITY	1.0275	pH-VALUE, CONC. SOLUTION	2.5 (2.2 - 2.8)
VISCOSITY	50-100 mPas		

# Cif Stainless Steel Spray

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

May cause irritation to the respiratory system.

### INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

### SKIN CONTACT

Prolonged and frequent contact may cause redness and irritation.

### EYE CONTACT

May cause temporary eye irritation.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product is not expected to be hazardous to the environment.

### DEGRADABILITY

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

The product is not classified as dangerous to the environment in accordance with the criteria of the Dangerous Preparations Directive 1999/45/EC as amended. However, large volumes should not be discharged into drains, watercourses or onto the ground.

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION

UK ROAD CLASS	8		
PROPER SHIPPING NAME	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (phosphoric acid)		
UN NO. ROAD	3264	UK ROAD PACK GR.	III
ADR CLASS NO.	8	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	III	HAZARD No. (ADR)	80
ADR LABEL NO.	8	HAZCHEM CODE	2X
CEFIC TEC(R) NO.	80GC1-II+III	RID CLASS NO.	8
RID PACK GROUP	III	UN NO. SEA	3264
IMDG CLASS	8	IMDG PACK GR.	III
EMS	F-A, S-B	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	3264
AIR CLASS	8	AIR PACK GR.	III

## 15 REGULATORY INFORMATION

### RISK PHRASES

NC Not classified.

### SAFETY PHRASES

AISE 1 Keep away from children.  
 AISE 2 Keep away from eyes. If product gets into eyes rinse thoroughly with water.  
 U-01 Avoid breathing spray.

## Cif Stainless Steel Spray

### EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC. 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### 16 OTHER INFORMATION

REVISION DATE 14/06/2010

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#### RISK PHRASES IN FULL

R34	Causes burns.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

#### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.