



## Safety Data Sheet

According to EC 1907/2006

**Product name : SUMA SILVER D8**

Preparation Date : 11.01.2011

Revision Date: 22.11.2012

Version: 5.0

Page: 1/11

MSDS code: MSDS3355

### 1 Identification Of The Substance/Mixture And Of The Company/Undertaking

#### Product identifier

Product name: **SUMA SILVER D8**

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

**Identified uses:** Professional kitchen hygiene product.

Details of the supplier

**Manufacturer / Supplier:** Diversey Kimya Sanayi ve Ticaret A.Ş.

Değirmenyolu Cad. Huzur Hoca Sokak No:86, 34752

İçerenköy/İstanbul

Tel: 0216 578 64 00

Fax: 0216 578 64 01

#### Emergency telephone number

Information center: Diversey Kimya Sanayi ve Ticaret A.Ş. Tel: +90 216 578 64 00

### 2 Hazards Identification

Causes severe burns.

Limited evidence of a carcinogenic effect.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Classification(1999/45/EEC):** C;R35. Xn;R40. R52/53.

#### Classification system:

The classification complies with current EC regulations on dangerous substances and preparations.



## Safety Data Sheet

According to EC 1907/2006

Product name : **SUMA SILVER D8**

Preparation Date : 11.01.2011

Revision Date: 22.11.2012

Version: 5.0

Page: 2/11

MSDS code: MSDS3355

### 3 Composition / Information on Ingredients

#### Chemical characterization

##### Description:

A mixture in water of non-hazardous substances and the ingredients listed below.

##### Hazardous ingredients:

CAS: 62-56-6	thiourea Xn;R22. R40. N;51/53. R63. EINECS: 200-543-5	<5%
CAS: 77-92-9	citric acid Xi;R36. EINECS: 201-069-1	<5%
CAS: 7664-38-2	phosphoric acid* C;R34. EINECS: 231-633-2	<5%
CAS: 64425-86-1	alkyl alcohol ethoxylate Xn;R22. N;R50. Xi;R41. EINECS: Polymer	<5%

##### Ingredients according to EC Detergents Regulation 648/2004

nonionic surfactants, anionic surfactants, phosphates <5%

##### Additional information:

The full text of the relevant risk phrases is given in section 16.

\*Occupational Exposure Limit(s), if available, are listed Section 8.

**Product name : SUMA SILVER D8**

Preparation Date : 11.01.2011

Revision Date: 22.11.2012

Version: 5.0

Page: 3/11

MSDS code: MSDS3355

#### **4 First aid measures**

**General information:**

Remove contaminated clothing immediately. Symptoms of poisoning may occur after a few hours, so the medical monitoring is needed at least 48 hours after the accident.

**Inhalation :**

Remove patient from exposure area. Get medical attention if symptoms develop.

**Skin contact:**

Wash skin thoroughly with water immediately.

Remove contaminated clothing and shoes immediately.

Obtain medical attention if symptoms develop.

**Eye contact:**

Wash immediately with copious amounts of water and obtain medical attention.

**Ingestion:**

Remove material from mouth. Rinse mouth with water.

Drink one or two glasses of water or milk. Obtain medical attention without delay.

#### **5 Firefighting Measures**

**Suitable extinguishing media**

CO<sub>2</sub>, extinguishing powder or water.

Fight larger fires with water jet or alcohol-resistant foam.

**Protective equipment:**

No special measures required. As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

#### **6 Accidental Release Measures**

**Personal precautions:**

Wear suitable protective clothing, gloves and eye/face protection.

Avoid contact with the eyes, skin and clothes.



## Safety Data Sheet

According to EC 1907/2006

**Product name : SUMA SILVER D8**

Preparation Date : 11.01.2011

Revision Date: 22.11.2012

Version: 5.0

Page: 4/11

MSDS code: MSDS3355

### **Environmental precautions:**

Dilute with plenty of water. Prevent to reach drains/ surface water / ground water.

### **Method of disposal:**

Use neutralizing agents.

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

Dispose of the collected material according to the local regulations.

### **Additional information:**

See Section 8 for personal protective equipment and Section 13 for waste disposal.

## **7 Handling and Storage**

**Handling** (see also sections 8 and 15)

### **Information for safe handling:**

Observe the common rules while working with chemicals.

Avoid contact with the eyes, skin and clothes. Avoid inhalation of vapours.

### **Information about protection against explosions and fires:**

No special measures required.

### **Storage**

**Requirements for storage rooms and containers:** According to local legislation.

**Storage in one common storage facility:** According to local legislation.

**Storage conditions:** Should be stored at temperatures between 0 °C to 40 °C and away from alkalines and direct sunlight. Store in original container.

## **8 Exposure Controls/Personal Protection**

### **Control parameters**

#### **Components with limit values that require monitoring at the workplace:**

**7664-38-2**

TLV (Europe)

**phosphoric acid**

Short term value : 2 mg/m<sup>3</sup>

Long term value: 1 mg/m<sup>3</sup>



## Safety Data Sheet

According to EC 1907/2006

**Product name : SUMA SILVER D8**

Preparation Date : 11.01.2011

Revision Date: 22.11.2012

Version: 5.0

Page: 5/11

MSDS code: MSDS3355

OES (Great Britain)

Short term value : 2 mg/m<sup>3</sup>

Long term value: 1 mg/m<sup>3</sup>

New, IOELV, Sk

### **Additional information:**

The lists that were valid during the compilation were used as basis.

### **Exposure controls**

#### **Occupational exposure controls:**

Additional information about design of technical systems: see section 7.

### **General protective and hygienic measures :**

Keep away from foodstuffs and beverages.

Take off immediately all contaminated clothing.

Wash hands during breaks and at the end of the work.

When using, do not eat, drink or smoke.

Avoid contact with the eyes and skin.

### **Breathing equipment:**

Personal protection is not normally required. However, avoid breathing dusts, vapours and aerosols.

### **Protection of hands:**

Chemical-resistant protective gloves made of butyl or nitrile rubber (EN 374, category III). In consultation with the supplier of protective gloves a different type of similar quality may be chosen.

### **Eye protection:**

Tightly fitting safety glasses.

### **Body protection:**

Wear chemical resistant protective clothing and boots.



## Safety Data Sheet

According to EC 1907/2006

Product name : SUMA SILVER D8

Preparation Date : 11.01.2011

Revision Date: 22.11.2012

Version: 5.0

Page: 6/11

MSDS code: MSDS33355

### 9 Physical and Chemical Properties

#### General Information

Form:	Liquid.
Colour:	Clear – Orange.
Odour:	Characteristic.

#### Important information about health, safety and environment

Boiling point/Boiling range:	Not determined.
Spontaneous combustion:	Product is not self igniting.
Danger of explosion:	Product is not explosive.
Density at 20 °C	1.03 g/cc
Solubility in / Miscibility with Water:	Completely miscible.
pH-value:	pH (direct) = 1.7

### 10 Stability and Reactivity

#### Conditions to be avoided:

No decomposition if applied and stored according to specifications.

**Incompatible materials:** Alkalines.

#### Hazardous decomposition products:

No known under normal storage and use conditions.

### 11 Toxicological Information

#### Acute toxicity and sensibility

##### Acute toxicity:

Based on the toxicological classification the LD50 (oral) is estimated to be >2000 mg/kg.

This value has no importance in practice with regard to the corrosive nature of the product.



## Safety Data Sheet

According to EC 1907/2006

**Product name : SUMA SILVER D8**

Preparation Date : 11.01.2011

Revision Date: 22.11.2012

Version: 5.0

Page: 7/11

MSDS code: MSDS3355

**Skin contact:** Causes severe burns.

**Eye contact:** Causes severe or permanent damage.

**Inhalation:** Severe irritant, may cause pulmonary edema.

**Ingestion :** Causes severe burns.

Ingestion will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

### **Additional toxicological information:**

**EC classification:** Corrosive.

## 12 Ecological Information

### **Classification:**

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Product classification, the environmental classification (R50-R53) in section 2 is suitable with listed compounds.

### **Ecotoxicity effects:**

Aquatic toxicity:

Toxicity to aquatic organisms, based on the environmental classification (67/548/EEC, As mentioned Annex V) 10-100 mg/l were estimated.

### **General notes:**

Must not reach sewage water or drainage ditch undiluted or unneutralized.

When used for its intended purpose this product should not cause adverse effects in the environment.

## 13 Disposal Considerations

### **Product**

**Waste from residues / unused products:** Must not reach sewage water or drainage ditch undiluted or unneutralized. Must not be disposed together with domestic waste.

**Product name : SUMA SILVER D8**

Preparation Date : 11.01.2011

Revision Date: 22.11.2012

Version: 5.0

Page: 8/11

MSDS code: MSDS3355

**European waste catalogue** 20 01 29: detergents containing dangerous substances.**Empty packagings****Recommendation:** Dispose of observing official regulations.**Recommended cleaning agent:** Water, if necessary with cleaning agent.**14 Transport Information****Land transport ADR/RID (cross-border)**

ADR/RID Class:	8 Corrosive substances
Kemler Number:	80
UN Number:	1760
Packaging group:	II
Label:	8
Proper Shipping Name:	1760 CORROSIVE LIQUID, N.O.S.

**Maritime transport IMDG:**

IMDG Class:	8
UN Number:	1760
Label:	8
Packaging group:	II
EMS Number:	F-A, S-B
Marine pollutant:	No
Proper Shipping Name:	1760 CORROSIVE LIQUID, N.O.S.



**Product name : SUMA SILVER D8**

Preparation Date : 11.01.2011

Revision Date: 22.11.2012

Version: 5.0

Page: 9/11

MSDS code: MSDS3355

**Air transport ICAO-TI and IATA-DGR:**

ICAO/IATA Class: 8  
UN/ID Number: 1760  
Label: 8  
Packaging group: II  
Proper Shipping Name: 1760 CORROSIVE LIQUID, N.O.S.

**Transport/Additional information:**

Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

**15 Regulatory Information****Classification according to EC guidelines:**

The product has been classified and labelled in accordance with current 1907/2006/EEC directives.

**Symbol and hazard indication of product:**

C Corrosive

**Ingredients responsible for the classification:**

Thiourea

Phosphoric acid



## Safety Data Sheet

According to EC 1907/2006

**Product name : SUMA SILVER D8**

Preparation Date : 11.01.2011

Revision Date: 22.11.2012

Version: 5.0

Page: 10/11

MSDS code: MSDS3355

### **Risk phrases:**

- 35 Causes severe burns.
- 40 Limited evidence of a carcinogenic effect.
- 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### **Safety phrases:**

- 24 Avoid contact with skin
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 28 After contact with skin, wash immediately with plenty of water.
- 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- 61 Avoid uncontrolled dispose to the environment. Refer to special use for instruction/Safety Data Sheet.

## **16 Other Information**

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

### **Text of risk phrases associated with ingredients listed in section 3 and 15:**

- 22 Harmful if swallowed
- 34 Causes burns.
- 35 Causes severe burns.
- 36 Irritating to eyes.
- 40 Limited evidence of a carcinogenic effect.
- 41 Risk of serious damage to eyes.
- 50 Very toxic to aquatic organisms.



## Safety Data Sheet

According to EC 1907/2006

**Product name : SUMA SILVER D8**

Preparation Date : 11.01.2011

Revision Date: 22.11.2012

Version: 5.0

Page: 11/11

MSDS code: MSDS3355

- |       |                                                                                               |
|-------|-----------------------------------------------------------------------------------------------|
| 51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.   |
| 52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 63    | Risk of damage to fetus.                                                                      |

### International References:

#### Department issuing material safety data sheet:

Diversey Europe BV, Professional & Regulatory Affairs, Research & Development - EMA region, Utrecht, The Netherlands.

**MSDS code:** MSDS3355

**Version:** 5.0

#### Contact:

Diversey LTC (Local Technical Centre), Turkey

#### Issued By English (22.11.2012):

Bülent Özdemir / **CRAD** Çevre Risk Analiz Denetim ve Eğitim Hizm. Ltd.Şti.

Certificated from the Turkish Standards Institute (TSE) to prepare Safety Data Sheets

[www.crad.com.tr](http://www.crad.com.tr)

Tel: +90 216 335 4600