



# SAFETY DATA SHEET

## S1 HARD SURFACE CLEANER CONC

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

**INTERNAL ID** C886  
**SUPPLIER** ARROW SOLUTIONS  
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### 2 HAZARDS IDENTIFICATION

Irritating to skin. Risk of serious damage to eyes. Very toxic to aquatic organisms.

**CLASSIFICATION (1999/45)** Xi;R38, R41. N;R50.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
ALCOHOL ETHOXYLATE SURFACTANT		24938-91-8	5-10%	Xi;R41.
ALCOHOL ETHOXYLATE SURFACTANT		9043-30-5	5-10%	Xn;R22. Xi;R41.
ALCOHOL ALKOXYLATE			5-10%	Xi;R36/38.
COCO AMIDO PROPYL BETAINE	263-058-8	61789-40-0	5-10%	Xi;R36.
CATIONIC SURFACTANT/DISINFECTANT	270-325-2	68424-85-1	1-5%	Xn;R21/22. C;R34. N;R50.
TETRASODIUM GLUTAMATE	257-573-7	51981-21-6	1-5%	Xi;R36/38.
C021 FD&C BLUE NO.1 DYE	223-339-8	3844-45-9	0-1%	-

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

### 4 FIRST-AID MEASURES

#### INHALATION

Not relevant

#### INGESTION

Rinse mouth thoroughly. DO NOT INDUCE VOMITING! Get medical attention.

#### SKIN CONTACT

Rinse with water. Contact physician if discomfort continues.

#### EYE CONTACT

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

This product is not flammable.

### 6 ACCIDENTAL RELEASE MEASURES

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## PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

## ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

## SPILL CLEAN UP METHODS

Absorb with inert, damp, non-combustible material, then flush area with water.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
C021 FD&C BLUE NO.1 DYE		mg/m3		2.00		

## PROTECTIVE EQUIPMENT



### HAND PROTECTION

Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Rubber, neoprene or PVC.

### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### HYGIENE MEASURES

Wash contaminated clothing before reuse. Wash hands after handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Blue.
ODOUR	Pleasant, agreeable.
SOLUBILITY	Soluble in water.
BOILING POINT (°C)	100
RELATIVE DENSITY	1.046
pH-VALUE, CONC. SOLUTION	5.0

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

## 11 TOXICOLOGICAL INFORMATION

### MEDICAL SYMPTOMS

EYES AND MUCOUS MEMBRANES. Extreme irritation of eyes and mucous membranes, including burning and tearing. SKIN. Skin irritation. DIGESTIVE SYSTEM. Gastrointestinal symptoms, including upset stomach.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

## 13 DISPOSAL CONSIDERATIONS

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## DISPOSAL METHODS

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

## 14 TRANSPORT INFORMATION



<b>PROPER SHIPPING NAME</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S (cationic detergent)
<b>UN NO. ROAD</b>	3082
<b>ADR CLASS</b>	Class 9: Other dangerous substances.
<b>ADR PACK GROUP</b>	III
<b>TUNNEL RESTRICTION CODE</b>	(E)
<b>UN NO. SEA</b>	3082
<b>IMDG CLASS</b>	9
<b>UN NO. AIR</b>	3082
<b>AIR CLASS</b>	9

## 15 REGULATORY INFORMATION

### LABELLING



Irritant



Dangerous for the environment

### RISK PHRASES

R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.

### SAFETY PHRASES

S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39	Wear suitable gloves and eye/face protection.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

### Detergent Labelling:

15 - < 30%	non-ionic surfactants
5 - < 15%	amphoteric surfactants
< 5%	disinfectants
	perfumes
Contains	BUTYLPHENYL METHYLPROPIONAL,CINNAMYL ALCOHOL,LINALOOL

### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

### EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

### STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

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## 16 OTHER INFORMATION

### GENERAL INFORMATION

Only trained personnel should use this material.

**REVISION DATE** 28/02/2011

**DATE** 25/08/2010

### RISK PHRASES IN FULL

R34	Causes burns.
R22	Harmful if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.

### 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.