



**SAFETY DATA SHEET**  
**Sultraspot Color**

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

PRODUCT NO. /12300  
 APPLICATION Cleaning agent.  
 SUPPLIER Cole & Wilson Ltd  
 Nabbs Lane Chemical Works  
 Nabbs Lane  
 Slaithwaite  
 HUDDERSFIELD  
 HD7 5AT  
 01484 842353  
 info@coleandwilson.com  
 EMERGENCY TELEPHONE INRS 01 45 42 59 59

**2 HAZARDS IDENTIFICATION**

CLASSIFICATION (1999/45) Xi;R38, R41.  
 CLASSIFICATION (EC 1272/2008)  
 Physical and Chemical Hazards Not classified.  
 Human health Skin Irrit. 2 - H315;Eye Dam. 1 - H318  
 Environment Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD Danger

HAZARD STATEMENTS  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.

PRECAUTIONARY STATEMENTS  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS  
 P264 Wash contaminated skin thoroughly after handling.  
 P321 Specific treatment (see medical advice on this label).  
 P302+352 IF ON SKIN: Wash with plenty of soap and water.  
 P310 Immediately call a POISON CENTER or doctor/physician.  
 P332+313 If skin irritation occurs: Get medical advice/attention.  
 P362 Take off contaminated clothing and wash before reuse.

**Sultraspot Color**

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

2-(2-BUTOXYETHOXY)ETHANOL		5-15%
CAS-No.: 112-34-5	EC No.: 203-961-6	
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36	

2-HYDROXY-1,2,3-PROPANETRICARBOXYLICACID		1-5%
CAS-No.: 77-92-9	EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R36.	

DODECYLBENZENESULPHONIC ACID, ISOPROPYLAMINE SALT		5-15%
CAS-No.: 84961-74-0	EC No.: 284-664-9	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R38,R41.	

FORMIC ACID		5-15%
CAS-No.: 64-18-6	EC No.: 200-579-1	
Classification (EC 1272/2008) Skin Corr. 1A - H314	Classification (67/548/EEC) C;R35	

PEG-6.5 C9-11 Oxo Alcohol		5-15%
CAS-No.:	EC No.:	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.	

PROPAN-2-OL		1-5%
CAS-No.: 67-63-0	EC No.: 200-661-7	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67	

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

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

**4 FIRST-AID MEASURES**

## Sultraspot Color

**NOTES TO THE PHYSICIAN**

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

**INHALATION**

Non-volatile liquid product.

**INGESTION**

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately!

**SKIN CONTACT**

Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.

**EYE CONTACT**

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

**SPECIAL FIRE FIGHTING PROCEDURES**

If risk of water pollution occurs, notify appropriate authorities. Keep run-off water out of sewers and water sources. Dike for water control.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

No unusual fire or explosion hazards noted.

**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**

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

**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**

Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water. Inform Authorities if large amounts are involved.

**7 HANDLING AND STORAGE**

**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Wear full protective clothing for prolonged exposure and/or high concentrations.

**STORAGE PRECAUTIONS**

Keep above the chemical's freezing point to avoid rupturing the container. Keep containers tightly closed.

**STORAGE CLASS**

Chemical storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
FORMIC ACID	WEL	5 ppm	9.6 mg/m3			
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

**PROTECTIVE EQUIPMENT**

**Sultraspot Color****ENGINEERING MEASURES**

No particular ventilation requirements.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

**HAND PROTECTION**

Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC.

**EYE PROTECTION**

Wear approved safety goggles.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of skin contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Yellowish
ODOUR	Acidic.
SOLUBILITY	Soluble in water. Dispersible in chlorinated hydrocarbons.
BOILING POINT (°C)	>100 760 mm Hg
RELATIVE DENSITY	1.03 15
pH-VALUE, CONC. SOLUTION	2
VISCOSITY	13 cP 20
FLASH POINT (°C)	>61 CC (Closed cup).
AUTO IGNITION TEMPERATURE (°C)	>200

## 10 STABILITY AND REACTIVITY

**STABILITY**

Avoid Contact with oxidisers and reducing agents. Contact with alkalis.

**CONDITIONS TO AVOID**

Avoid contact with oxidisers or reducing agents. Strong alkalis.

**HAZARDOUS POLYMERISATION**

Unknown.

**MATERIALS TO AVOID**

Strong oxidising substances. Strong reducing agents. Strong alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire or high temperatures create: Oxides of: Carbon. Sulphur.

## 11 TOXICOLOGICAL INFORMATION

**INGESTION**

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

**SKIN CONTACT**

Irritating to skin.

**EYE CONTACT**

Risk of serious damage to eyes.

**HEALTH WARNINGS**

Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.

## Sultraspot Color

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Environmental information currently available for the ingredients of this preparation indicates that it does not contain any ingredients currently classified as Dangerous for the Environment.

#### MOBILITY

The product is non-volatile.

#### BIOACCUMULATION

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

#### 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.

#### ACUTE FISH TOXICITY

May be dangerous to fish at high concentrations due to this being an unnatural aquatic environment, but not classified as being Toxic or Very Toxic to aquatic organisms.

#### WATER HAZARD CLASSIFICATION

The surfactants contained in this preparation have been classified as biodegradable.

### 13 DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

Dispose of in accordance with Local Authority Regulations

### 14 TRANSPORT INFORMATION

No transport warning sign required.

ENVIRONMENTALLY  
HAZARDOUS  
SUBSTANCE/MARINE  
POLLUTANT

No.

### 15 REGULATORY INFORMATION

#### UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. CHIP The Control of Substances Hazardous to Health Regulations

### 16 OTHER INFORMATION

#### REVISION COMMENTS

Data sheet is in accordance with the CHIP regulations in force on the revision date given below.

REVISION DATE 090914

REV. NO./REPL. SDS GENERATED Revision 0

SDS NO. /12300

#### RISK PHRASES IN FULL

R35	Causes severe burns.
R22	Harmful if swallowed.
R11	Highly flammable
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R67	Vapours may cause drowsiness and dizziness.

## Sultraspot Color

### HAZARD STATEMENTS IN FULL

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.



**SAFETY DATA SHEET**  
**Sultraspot Metal**

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

PRODUCT NO. /12306  
 APPLICATION Cleaning agent.  
 SUPPLIER Cole & Wilson Ltd  
 Nabbs Lane Chemical Works  
 Nabbs Lane  
 Slaithwaite  
 HUDDERSFIELD  
 HD7 5AT  
 01484 842353  
 info@coleandwilson.com  
 EMERGENCY TELEPHONE INRS 01 45 42 59 59

**2 HAZARDS IDENTIFICATION**

CLASSIFICATION (1999/45) Not classified.  
 CLASSIFICATION (EC 1272/2008)  
 Physical and Chemical Hazards Not classified.  
 Human health Not classified.  
 Environment Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008  
 No pictogram required.

Supplemental Label Information (EU)

EUH210

Safety data sheet available on request.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

2-HYDROXY-1,2,3-PROPANETRICARBOXYLICACID	5-15%
CAS-No.: 77-92-9	EC No.:
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R36.

OXALIC ACID	1-5%
CAS-No.: 144-62-7	EC No.: 205-634-3
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312	Classification (67/548/EEC) Xn;R21/22

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

## Sultraspot Metal

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

### 4 FIRST-AID MEASURES

**NOTES TO THE PHYSICIAN**

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

**INHALATION**

Non-volatile liquid product.

**INGESTION**

Seek medical attention in the event of significant ingestion.

**SKIN CONTACT**

Rinse the skin immediately with lots of water. Get medical attention if irritation persists after washing.

**EYE CONTACT**

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

### 5 FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

**SPECIAL FIRE FIGHTING PROCEDURES**

If risk of water pollution occurs, notify appropriate authorities. Keep run-off water out of sewers and water sources. Dike for water control.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

No unusual fire or explosion hazards noted.

**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**

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

**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**

Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water. Inform Authorities if large amounts are involved.

### 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS**

Keep above the chemical's freezing point to avoid rupturing the container. Keep containers tightly closed.

**STORAGE CLASS**

Unspecified storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
OXALIC ACID	WEL	1 mg/m3	1 mg/m3	2 mg/m3	2 mg/m3	

WEL = Workplace Exposure Limit.



## Sultraspot Metal

### PROTECTIVE EQUIPMENT



#### ENGINEERING MEASURES

No particular ventilation requirements.

#### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

#### HAND PROTECTION

No hand protection required when using product. Hand protection is advisable for bulk handling or manufacture of this product.

#### EYE PROTECTION

Wear approved safety goggles.

#### OTHER PROTECTION

Wear appropriate clothing to prevent skin contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Colourless.
ODOUR	Characteristic.
SOLUBILITY	Soluble in water.
pH-VALUE, CONC. SOLUTION	<2

## 10 STABILITY AND REACTIVITY

#### STABILITY

Avoid Contact with acids.

#### CONDITIONS TO AVOID

Avoid contact with oxidisers or reducing agents. Avoid frost. Reacts with alkalis and generates heat.

#### HAZARDOUS POLYMERISATION

Will not polymerise.

#### MATERIALS TO AVOID

Bases, alkalis (inorganic). Strong oxidising substances. Strong reducing agents.

#### HAZARDOUS DECOMPOSITION PRODUCTS

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

## 11 TOXICOLOGICAL INFORMATION

#### GENERAL INFORMATION

This product has low toxicity. Only large volumes may have adverse impact on human health.

#### INGESTION

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

#### SKIN CONTACT

May cause defatting of the skin, but is not an irritant.

#### EYE CONTACT

Irritating and may cause redness and pain.

## 12 ECOLOGICAL INFORMATION

## Sultraspot Metal

### ECOTOXICITY

Environmental information currently available for the ingredients of this preparation indicates that it does not contain any ingredients currently classified as Dangerous for the Environment.

### MOBILITY

The product is soluble in water.

### BIOACCUMULATION

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

### DEGRADABILITY

No data available.

### ACUTE FISH TOXICITY

May be dangerous to fish at high concentrations due to this being an unnatural aquatic environment, but not classified as being Toxic or Very Toxic to aquatic organisms.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

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

## 14 TRANSPORT INFORMATION

### GENERAL

Not regulated.

No transport warning sign required.

### ENVIRONMENTALLY

No.

### HAZARDOUS

### SUBSTANCE/MARINE

### POLLUTANT

## 15 REGULATORY INFORMATION

### UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. CHIP The Control of Substances Hazardous to Health Regulations

## 16 OTHER INFORMATION

### REVISION COMMENTS

Data sheet is in accordance with the CHIP regulations in force on the revision date given below.

REVISION DATE 170914

REV. NO./REPL. SDS GENERATED Revision 0

SDS NO. /12306

### RISK PHRASES IN FULL

R21/22 Harmful in contact with skin and if swallowed.

R36 Irritating to eyes.

NC Not classified.

### HAZARD STATEMENTS IN FULL

H302 Harmful if swallowed.

H312 Harmful in contact with skin.



**SAFETY DATA SHEET**  
**Sultraspot Mineral**

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

PRODUCT NO. /12305  
 APPLICATION Cleaning agent.  
 SUPPLIER Cole & Wilson Ltd  
 Nabbs Lane Chemical Works  
 Nabbs Lane  
 Slaithwaite  
 HUDDERSFIELD  
 HD7 5AT  
 01484 842353  
 info@coleandwilson.com  
 EMERGENCY TELEPHONE INRS 01 45 42 59 59

**2 HAZARDS IDENTIFICATION**

CLASSIFICATION (1999/45) Xi;R41.  
 CLASSIFICATION (EC 1272/2008)  
 Physical and Chemical Hazards Not classified.  
 Human health Eye Dam. 1 - H318  
 Environment Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD Danger  
 HAZARD STATEMENTS H318 Causes serious eye damage.  
 PRECAUTIONARY STATEMENTS P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 SUPPLEMENTARY PRECAUTIONARY STATEMENTS P310 Immediately call a POISON CENTER or doctor/physician.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

**Sultraspot Mineral**

2-(2-BUTOXYETHOXY)ETHANOL		5-15%
CAS-No.: 112-34-5	EC No.: 203-961-6	
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36	
2,2' OXYDIETHANOL		5-15%
CAS-No.: 111-46-6	EC No.: 203-872-2	
Classification (EC 1272/2008) STOT RE 2 - H373	Classification (67/548/EEC) Xn;R48/22.	
Butyl Glycol Acetate		15-30%
CAS-No.: 112-07-2	EC No.: 203-933-3	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312	Classification (67/548/EEC) Xn;R21/22.	
DODECYLBENZENESULPHONIC ACID, ISOPROPYLAMINE SALT		5-15%
CAS-No.: 84961-74-0	EC No.: 284-664-9	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R38,R41.	

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

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

**4 FIRST-AID MEASURES**

**NOTES TO THE PHYSICIAN**

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

**INHALATION**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**INGESTION**

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately!

**SKIN CONTACT**

Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.

**EYE CONTACT**

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

**SPECIAL FIRE FIGHTING PROCEDURES**

If risk of water pollution occurs, notify appropriate authorities. Keep run-off water out of sewers and water sources. Dike for water control.

## Sultraspot Mineral

### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

### 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

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

### 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

Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water. Inform Authorities if large amounts are involved.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Wear full protective clothing for prolonged exposure and/or high concentrations. Keep away from heat, sparks and open flame.

### STORAGE PRECAUTIONS

Keep above the chemical's freezing point to avoid rupturing the container. Keep containers tightly closed.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2,2' OXYDIETHANOL	WEL	23 ppm	101 mg/m3			

WEL = Workplace Exposure Limit.

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Observe occupational exposure limits and minimize the risk of inhalation of vapours.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

### HAND PROTECTION

Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC.

### EYE PROTECTION

Wear approved safety goggles.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Yellow.
ODOUR	Characteristic.

## Sultraspot Mineral

SOLUBILITY	Dispersible in water
RELATIVE DENSITY	1.01 15oC
pH-VALUE, CONC. SOLUTION	6-8
FLASH POINT (°C)	>61 CC (Closed cup).

### 10 STABILITY AND REACTIVITY

#### STABILITY

Avoid Contact with oxidisers and reducing agents.

#### CONDITIONS TO AVOID

Avoid contact with oxidisers or reducing agents.

#### HAZARDOUS POLYMERISATION

Unknown.

#### MATERIALS TO AVOID

Strong oxidising substances. Strong reducing agents.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Toxic gases/vapours/fumes of: Fire or high temperatures create: Oxides of: Carbon. Sulphur. Nitrogen.

### 11 TOXICOLOGICAL INFORMATION

#### INHALATION

Vapour from this chemical can be hazardous when inhaled. Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

#### INGESTION

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

#### SKIN CONTACT

Irritating to skin.

#### EYE CONTACT

Risk of serious damage to eyes.

#### HEALTH WARNINGS

Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Not regarded as dangerous for the environment.

#### MOBILITY

No additional information available

#### BIOACCUMULATION

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

#### 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.

#### ACUTE FISH TOXICITY

May be dangerous to fish at high concentrations due to this being an unnatural aquatic environment, but not classified as being Toxic or Very Toxic to aquatic organisms.

### 13 DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point. Dispose of waste and residues in accordance with local authority requirements.

### 14 TRANSPORT INFORMATION

### Sultraspot Mineral

GENERAL	Not regulated.
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.

#### 15 REGULATORY INFORMATION

UK REGULATORY REFERENCES  
Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations

#### 16 OTHER INFORMATION

REVISION COMMENTS

Data sheet is in accordance with the CHIP regulations in force on the revision date given below.

REVISION DATE 301014

REV. NO./REPL. SDS GENERATED Rev 0

SDS NO. /12305

RISK PHRASES IN FULL

- R21/22 Harmful in contact with skin and if swallowed.
- R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
- R36 Irritating to eyes.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes.

HAZARD STATEMENTS IN FULL

- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure.



**SAFETY DATA SHEET**  
**Sultraspot Protein**

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

PRODUCT NO. /12297  
 APPLICATION Cleaning agent.  
 SUPPLIER Cole & Wilson Ltd  
 Nabbs Lane Chemical Works  
 Nabbs Lane  
 Slaithwaite  
 HUDDERSFIELD  
 HD7 5AT  
 01484 842353  
 info@coleandwilson.com  
 EMERGENCY TELEPHONE INRS 01 45 42 59 59

**2 HAZARDS IDENTIFICATION**

CLASSIFICATION (1999/45) Xi;R41.  
 CLASSIFICATION (EC 1272/2008)  
 Physical and Chemical Hazards Not classified.  
 Human health Eye Dam. 1 - H318  
 Environment Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD Danger  
 HAZARD STATEMENTS H318 Causes serious eye damage.  
 PRECAUTIONARY STATEMENTS P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 SUPPLEMENTARY PRECAUTIONARY STATEMENTS P310 Immediately call a POISON CENTER or doctor/physician.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**



**Sultraspot Protein**

2-(2-BUTOXYETHOXY)ETHANOL		1-5%
CAS-No.: 112-34-5	EC No.: 203-961-6	
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36	
AMMONIA		< 1%
CAS-No.: 1336-21-6	EC No.: 215-647-6	
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT SE 3 - H335 Aquatic Acute 1 - H400	Classification (67/548/EEC) C;R34 N;R50	
DODECYLBENZENESULPHONIC ACID, ISOPROPYLAMINE SALT		5-15%
CAS-No.: 84961-74-0	EC No.: 284-664-9	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R38,R41.	
PROPAN-2-OL		5-15%
CAS-No.: 67-63-0	EC No.: 200-661-7	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67	
Sodium Dodecyl Benzene Sulphonate		1-5%
CAS-No.: 25155-30-0	EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R22. Xi;R38,R41.	

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

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

**4 FIRST-AID MEASURES**

**NOTES TO THE PHYSICIAN**

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

**INHALATION**

Non-volatile liquid product.

**INGESTION**

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately!

## Sultraspot Protein

**SKIN CONTACT**

Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.

**EYE CONTACT**

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

**SPECIAL FIRE FIGHTING PROCEDURES**

If risk of water pollution occurs, notify appropriate authorities. Keep run-off water out of sewers and water sources. Dike for water control.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

No unusual fire or explosion hazards noted.

**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**

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

**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**

Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water. Inform Authorities if large amounts are involved.

**7 HANDLING AND STORAGE**

**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Wear full protective clothing for prolonged exposure and/or high concentrations.

**STORAGE PRECAUTIONS**

Keep above the chemical's freezing point to avoid rupturing the container. Keep containers tightly closed.

**STORAGE CLASS**

Chemical storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
AMMONIA	WEL				25 mg/m3	
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

No particular ventilation requirements.

## Sultraspot Protein

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

### HAND PROTECTION

Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC.

### EYE PROTECTION

Wear approved safety goggles.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Yellow.
ODOUR	Ammonia.
SOLUBILITY	Soluble in water.
RELATIVE DENSITY	0.995 15
pH-VALUE, CONC. SOLUTION	8.5-10.5
VISCOSITY	7 cP
FLASH POINT (°C)	>61 CC (Closed cup).

## 10 STABILITY AND REACTIVITY

### STABILITY

Avoid Contact with acids.

### CONDITIONS TO AVOID

Avoid contact with oxidisers or reducing agents. Avoid contact with acids.

### HAZARDOUS POLYMERISATION

Unknown.

### MATERIALS TO AVOID

Strong acids.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Oxides of: Carbon. Nitrogen. Sulphur.

## 11 TOXICOLOGICAL INFORMATION

### INGESTION

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

### SKIN CONTACT

Prolonged and frequent contact may cause redness and irritation.

### EYE CONTACT

Risk of serious damage to eyes.

### HEALTH WARNINGS

Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Environmental information currently available for the ingredients of this product indicate that it contains a substance classified as Very Toxic to aquatic organisms. The levels of environmentally hazardous materials are below the limit that would cause the preparation to be classified as Dangerous to the Environment.

### MOBILITY

The product is non-volatile.

## Sultraspot Protein

**BIOACCUMULATION**

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

**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.

**ACUTE FISH TOXICITY**

May be dangerous to fish at high concentrations due to this being an unnatural aquatic environment, but not classified as being Toxic or Very Toxic to aquatic organisms.

**WATER HAZARD CLASSIFICATION**

The surfactants contained in this preparation have been classified as biodegradable.

**13 DISPOSAL CONSIDERATIONS**

**DISPOSAL METHODS**

Dispose of in accordance with Local Authority Regulations

**14 TRANSPORT INFORMATION**

	No transport warning sign required.
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.

**15 REGULATORY INFORMATION**

**UK REGULATORY REFERENCES**

Health and Safety at Work Act 1974. CHIP The Control of Substances Hazardous to Health Regulations

**16 OTHER INFORMATION**

**REVISION COMMENTS**

Data sheet is in accordance with the CHIP regulations in force on the revision date given below.

REVISION DATE 100914

REV. NO./REPL. SDS GENERATED Rev 0

SDS NO. /12297

**RISK PHRASES IN FULL**

- R34 Causes burns.
- R22 Harmful if swallowed.
- R11 Highly flammable
- R36 Irritating to eyes.
- R37 Irritating to respiratory system.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes.
- R67 Vapours may cause drowsiness and dizziness.
- R50 Very toxic to aquatic organisms.

## Sultraspot Protein

### HAZARD STATEMENTS IN FULL

H225	Highly flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.



**SAFETY DATA SHEET**  
**Sultraspot Soft**

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

PRODUCT NO. /12298  
 APPLICATION Cleaning agent.  
 SUPPLIER Cole & Wilson Ltd  
 Nabbs Lane Chemical Works  
 Nabbs Lane  
 Slaithwaite  
 HUDDERSFIELD  
 HD7 5AT  
 01484 842353  
 info@coleandwilson.com  
 EMERGENCY TELEPHONE INRS 01 45 42 59 59

**2 HAZARDS IDENTIFICATION**

CLASSIFICATION (1999/45) Xn;R65. Xi;R38, R41.  
 CLASSIFICATION (EC 1272/2008)  
 Physical and Chemical Hazards Not classified.  
 Human health Skin Irrit. 2 - H315; Eye Dam. 1 - H318; Asp. Tox. 1 - H304  
 Environment Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD Danger  
 CONTAINS Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics  
 Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics

HAZARD STATEMENTS  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.

PRECAUTIONARY STATEMENTS  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P501 Dispose of contents/container to ...

SUPPLEMENTARY PRECAUTIONARY STATEMENTS  
 P264 Wash contaminated skin thoroughly after handling.  
 P321 Specific treatment (see medical advice on this label).

**Sultraspot Soft**

P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P310	Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P332+313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P405	Store locked up.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

DODECYLBENZENESULPHONIC ACID, ISOPROPYLAMINE SALT	30-100%
CAS-No.: 84961-74-0	EC No.: 284-664-9

Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R38,R41.
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Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics	5-15%
CAS-No.:	EC No.: 920-901-0

Classification (EC 1272/2008) EUH066 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R66.
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Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	30-100%
CAS-No.:	EC No.: 927-676-8

Classification (EC 1272/2008) EUH066 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R66.
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The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

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

**4 FIRST-AID MEASURES**

**NOTES TO THE PHYSICIAN**

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

**INHALATION**

Move the exposed person to fresh air at once. Remove patient from exposure. If symptoms of irritation or sensitisation occur (shortness of breath, wheezing or laboured coughing), seek medical attention immediately.

**INGESTION**

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If patient is conscious, give water to drink. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately!

**SKIN CONTACT**

Wash the skin immediately with soap and water. Remove contaminated clothing. Get medical attention promptly if symptoms occur after washing. Get medical attention if irritation persists after washing. Rinse immediately with plenty of water.

**EYE CONTACT**

Continue to rinse for at least 15 minutes and get medical attention.

## Sultraspot Soft

### 5 FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA**

Use: Powder. Foam. Alcohol resistant foam. Carbon dioxide (CO2). Halon.

**SPECIAL FIRE FIGHTING PROCEDURES**

If risk of water pollution occurs, notify appropriate authorities. Keep run-off water out of sewers and water sources. Dike for water control. Wear self-contained breathing apparatus and full body protection.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

Above 27°C explosive vapour/air mixtures may be formed. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

### 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet. Do not breathe vapour.

**ENVIRONMENTAL PRECAUTIONS**

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

**SPILL CLEAN UP METHODS**

Absorb in vermiculite, dry sand or earth and place into containers. Inform Authorities if large amounts are involved. Sweep up and remove for disposal. Residues or small spillages may be flushed away with water.

### 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS**

Wear full protective clothing for prolonged exposure and/or high concentrations.

**STORAGE PRECAUTIONS**

Keep containers tightly closed.

**STORAGE CLASS**

Chemical storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

All handling to take place in well-ventilated area.

**RESPIRATORY EQUIPMENT**

PAPOVF, PAP with organic vapour cartridge and full facepiece.

**HAND PROTECTION**

Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC.

**EYE PROTECTION**

Use approved safety goggles or face shield.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE**

Liquid

**COLOUR**

Yellow.



## Sultraspot Soft

ODOUR	Characteristic.
SOLUBILITY	Soluble in water.
RELATIVE DENSITY	0.875 15
pH-VALUE, CONC. SOLUTION	6/7
VISCOSITY	5 cP
FLASH POINT (°C)	>80 CC (Closed cup).

### 10 STABILITY AND REACTIVITY

#### STABILITY

Avoid Heat, sparks, flames. Contact with combustibles. Contact with oxidisers and reducing agents.

#### CONDITIONS TO AVOID

Avoid contact with oxidisers or reducing agents. Avoid heat, flames and other sources of ignition.

#### HAZARDOUS POLYMERISATION

Unknown.

#### MATERIALS TO AVOID

Strong oxidising substances.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon. Nitrogen. Sulphur.

### 11 TOXICOLOGICAL INFORMATION

#### INHALATION

Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Gas or vapour is harmful on prolonged exposure or in high concentrations.

#### INGESTION

Harmful if swallowed. Harmful: may cause lung damage if swallowed.

#### SKIN CONTACT

Irritating to skin.

#### EYE CONTACT

May cause severe irritation to eyes.

#### HEALTH WARNINGS

Repeated exposure may cause chronic eye irritation. Repeated exposure may cause chronic upper respiratory irritation. Mild dermatitis, allergic skin rash.

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

#### MOBILITY

No additional information available

#### BIOACCUMULATION

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

#### DEGRADABILITY

The surfactants contained in this product are readily biodegradable.

#### ACUTE FISH TOXICITY

May be dangerous to fish at high concentrations due to this being an unnatural aquatic environment, but not classified as being Toxic or Very Toxic to aquatic organisms.

### 13 DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

Dispose of in accordance with Local Authority regulations as special waste according to The Control of Special Waste Regulations 1996.

## Sultraspot Soft

### 14 TRANSPORT INFORMATION

GENERAL	Not regulated.
	No transport warning sign required.
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.

### 15 REGULATORY INFORMATION

UK REGULATORY REFERENCES

Classification, Packaging and Labelling Regulations The Control of Substances Hazardous to Health Regulations CHIP

### 16 OTHER INFORMATION

REVISION COMMENTS

Data sheet is in accordance with the CHIP regulations in force on the revision date given below.

REVISION DATE 170914

REV. NO./REPL. SDS GENERATED Rev 0

SDS NO. /12298

RISK PHRASES IN FULL

R65	Harmful: may cause lung damage if swallowed.
R38	Irritating to skin.
R66	Repeated exposure may cause skin dryness or cracking.
R41	Risk of serious damage to eyes.

HAZARD STATEMENTS IN FULL

EUH066	Repeated exposure may cause skin dryness or cracking.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.



**SAFETY DATA SHEET**  
**Sultraspot Tint**

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

PRODUCT NO. /12302  
 APPLICATION Cleaning agent.  
 SUPPLIER Cole & Wilson Ltd  
 Nabbs Lane Chemical Works  
 Nabbs Lane  
 Slaithwaite  
 HUDDERSFIELD  
 HD7 5AT  
 01484 842353  
 info@coleandwilson.com  
 EMERGENCY TELEPHONE INRS 01 45 42 59 59

**2 HAZARDS IDENTIFICATION**

CLASSIFICATION (1999/45) Xn;R22. Xi;R41. R10.  
 CLASSIFICATION (EC 1272/2008)  
 Physical and Chemical Hazards Flam. Liq. 3 - H226  
 Human health Acute Tox. 4 - H302; Eye Dam. 1 - H318  
 Environment Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD Danger  
 CONTAINS Ethoxylated Isotridecanol 9E/O

HAZARD STATEMENTS  
 H226 Flammable liquid and vapour.  
 H302 Harmful if swallowed.  
 H318 Causes serious eye damage.

PRECAUTIONARY STATEMENTS  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P501 Dispose of contents/container to ...

SUPPLEMENTARY PRECAUTIONARY STATEMENTS  
 P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 P233 Keep container tightly closed.  
 P240 Ground/bond container and receiving equipment.

**Sultraspot Tint**

P241	Use explosion-proof electrical equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P270	Do not eat, drink or smoke when using this product.
P264	Wash contaminated skin thoroughly after handling.
P370+378	In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
P301+312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P403+235	Store in a well-ventilated place. Keep cool.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Alcohols, C12-15-branched and linear, ethoxylated		5-15%
CAS-No.: 106232-83-1	EC No.: 932-186-2	
Classification (EC 1272/2008) Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xi;R41. N;R50.	
BUTYL ACETATE -norm		5-15%
CAS-No.: 123-86-4	EC No.: 204-658-1	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336	Classification (67/548/EEC) R10 R66 R67	
Butyl Glycol Acetate		15-30%
CAS-No.: 112-07-2	EC No.: 203-933-3	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312	Classification (67/548/EEC) Xn;R21/22.	
DIMETHYL SUCCINATE		1-5%
CAS-No.: 106-65-0	EC No.: 203-419-9	
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36.	
Ethoxylated Isotridecanol 9E/O		30-100%
CAS-No.: 69011-36-5	EC No.:	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.	

## Sultraspot Tint

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

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

### 4 FIRST-AID MEASURES

#### NOTES TO THE PHYSICIAN

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

#### INHALATION

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately!

#### SKIN CONTACT

Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIAL FIRE FIGHTING PROCEDURES

If risk of water pollution occurs, notify appropriate authorities. Keep run-off water out of sewers and water sources. Dike for water control.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

FLAMMABLE.

#### 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

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

#### 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

Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water. Inform Authorities if large amounts are involved.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Wear full protective clothing for prolonged exposure and/or high concentrations. Keep away from heat, sparks and open flame.

#### STORAGE PRECAUTIONS

Keep above the chemical's freezing point to avoid rupturing the container. Keep containers tightly closed. Keep away from heat, sparks and open flame. Flammable/combustible - Keep away from oxidisers, heat and flames.

#### STORAGE CLASS

Flammable liquid storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Sultraspot Tint**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
		150 ppm	724 mg/m3	200 ppm	966 mg/m3	
BUTYL ACETATE -norm	WEL					

WEL = Workplace Exposure Limit.

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Observe occupational exposure limits and minimize the risk of inhalation of vapours.

**RESPIRATORY EQUIPMENT**

If ventilation is insufficient, suitable respiratory protection must be provided. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Suitable respiratory protection must be used at high concentrations.

**HAND PROTECTION**

Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC.

**EYE PROTECTION**

Wear approved safety goggles.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of skin contact.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid
COLOUR	Yellow.
ODOUR	Characteristic.
SOLUBILITY	Insoluble in water Insoluble in ordinary solvents.
RELATIVE DENSITY	0.96-0.97 15oC
pH-VALUE, CONC. SOLUTION	6-8
FLASH POINT (°C)	43 CC (Closed cup).

**10 STABILITY AND REACTIVITY**

**STABILITY**

Avoid Contact with oxidisers and reducing agents.

**CONDITIONS TO AVOID**

Avoid contact with oxidisers or reducing agents. Avoid heat, flames and other sources of ignition.

**HAZARDOUS POLYMERISATION**

Unknown.

**MATERIALS TO AVOID**

Strong oxidising substances. Strong reducing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Toxic gases/vapours/fumes of: Fire or high temperatures create: Oxides of: Carbon. Sulphur. Nitrogen.

**11 TOXICOLOGICAL INFORMATION**

**INHALATION**

Vapour from this chemical can be hazardous when inhaled. Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

**INGESTION**

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

## Sultraspot Tint

### SKIN CONTACT

Irritating to skin.

### EYE CONTACT

Risk of serious damage to eyes.

### HEALTH WARNINGS

Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Environmental information currently available for the ingredients of this product indicate that it contains a substance classified as Very Toxic to aquatic organisms. The levels of environmentally hazardous materials are below the limit that would cause the preparation to be classified as Dangerous to the Environment.

### MOBILITY

No additional information available

### BIOACCUMULATION

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

### 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.

### ACUTE FISH TOXICITY

Contains a substance classified as Toxic to aquatic organisms

### WATER HAZARD CLASSIFICATION

The surfactants contained in this preparation have been classified as biodegradable.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point. Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION

PROPER SHIPPING NAME	BUTYL ACETATES, mixture
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
UN NO. ROAD	1123
ADR CLASS NO.	3
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(D/E)

## 15 REGULATORY INFORMATION

### UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations

## 16 OTHER INFORMATION

### REVISION COMMENTS

Data sheet is in accordance with the CHiP regulations in force on the revision date given below.

REVISION DATE 301014

REV. NO./REPL. SDS GENERATED Rev 0

## Sultraspot Tint

SDS NO. /12302

### RISK PHRASES IN FULL

R10	Flammable.
R22	Harmful if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R41	Risk of serious damage to eyes.
R67	Vapours may cause drowsiness and dizziness.
R50	Very toxic to aquatic organisms.

### HAZARD STATEMENTS IN FULL

EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.