

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : Dulon Premium Shampoo 03  
Revision date : 19-07-2012  
Date of print : 28-11-2013

Version (Revision) : 1.0.1 (1.0.0)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Dulon Premium Shampoo 03

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

##### Relevant identified uses

Washing and cleaning products (including solvent based products)

##### Uses advised against

This product should not be used for purposes other than the applications referred to above.

#### 1.3 Details of the supplier of the safety data sheet

##### Supplier (manufacturer/importer/only representative/downstream user/distributor)

Dulon Consumer Products

**Street :** Energieweg 12

**Postal code/city :** 2382 NJ Zoeterwoude

**Telephone :** +31 (0)71-3319288

**Telefax :** +31 (0)71-3319287

**Information contact :** Safety Department

**Website :** www.dulon.com

**E-mail (competent person) :** info@dulon.com

#### 1.4 Emergency telephone number

NPIC +31 (0)30-2748888 (08:00 - 16:30 h)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Directive 67/548/EEC or 1999/45/EC

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

R 52/53

#### 2.2 Label elements

##### Labelling (67/548/EEC or 1999/45/EC)

###### R-phrases

52/53

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

###### S-phrases

61

Avoid release to the environment. Refer to special instructions / safety data sheet.

35

This material and its container must be disposed of in a safe way.

#### 2.3 Other hazards

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

#### 2.4 Additional information

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

### SECTION 3: Composition/ information on ingredients

#### 3.2 Mixtures

##### Hazardous ingredients

HYDROXYETHYL IMIDAZOLINE ; EC No : 273-051-1; CAS No. : 68937-01-9

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Weight fraction : 0,25 - 2,5 %  
Classification 67/548/EEC : N ; R50/53 C ; R34 Xn ; R22  
Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Acute Tox. 4 ; H302 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

PINE OIL ; CAS No. : 8002-09-3

Weight fraction : < 2,5 %  
Classification 67/548/EEC : Xi ; R38  
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315

### Additional information

Full text of R-, H- and EUH-phrases: see section 16.

### 3.3 Components according to regulation (EG) Nr. 648/2004

non-ionic surfactants	5 - < 15 %
2,4-Imidazolidinedione,(hydroxymethyl)-5,5-dimethyl- (9CI)	< 5 %
disinfectants	< 5 %

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice.

#### After inhalation

No special measures are necessary.

#### In case of skin contact

Wash immediately with: Water and soap. Change contaminated, saturated clothing. Wash contaminated clothing prior to re-use.

#### After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

#### After ingestion

Call a physician in any case! Do not induce vomiting. If major quantity of dust is swallowed or inhaled, immediately drink: Water

### 4.2 Most important symptoms and effects, both acute and delayed

The following symptoms may occur: No known symptoms to date. Repeated exposure may cause skin dryness or cracking.

### 4.3 Indication of any immediate medical attention and special treatment needed

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

None

### 5.2 Special hazards arising from the substance or mixture

None

### 5.3 Advice for firefighters

None

### 5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

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### For non-emergency personnel

#### Protective equipment

Avoid contact with skin, eyes and clothes. Use personal protection equipment.

#### Emergency procedures

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

### 6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Make sure spills can be contained, e.g. in sump pallets or kerbed areas. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

### 6.3 Methods and material for containment and cleaning up

#### For containment

Collect in closed and suitable containers for disposal. Treat the recovered material as prescribed in the section on waste disposal.

#### For cleaning up

Suitable material for taking up: Sand. Absorbing material, organic.

### 6.4 Reference to other sections

See protective measures under point 7 and 8.

## SECTION 7: Handling and storage



### 7.1 Precautions for safe handling

None

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep/Store only in original container. Suitable container/equipment material: Stainless steel. Polyethylene (PE)  
Unsuitable container/equipment material: Butyl caoutchouc (butyl rubber).

#### Hints on joint storage

Storage class : 12

Storage class (TRGS 510) : 12

### 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protection equipment



#### Eye / face protection

Eye glasses with side protection

#### Skin protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place

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concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. DIN-/EN-Norms DIN EN 374 DIN EN 420 Suitable material NBR (Nitrile rubber). PVA (Polyvinyl alcohol). PVC (Polyvinyl chloride)

### General health and safety measures

Immediately remove any contaminated clothing, shoes or stockings. Wash contaminated clothing prior to re-use.

### Environmental exposure controls

See chapter 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Colour : greenish blue

Odour : Perfume

#### Safety relevant basis data

Physical state :			liquid
Melting point / melting range :			not applicable
Boiling temperature / boiling range :	( 1013 hPa )	>	100 °C
Decomposition temperature :			No data available
Freezing point :			No data available
Flash point :			not applicable
Auto-ignition temperature :			No data available
Lower explosion limit :			Vol-%
Upper explosion limit :			Vol-%
Vapour Pressure :	( 20 °C )		No data available
Evaporation rate (n-butylacetate = 1) :			No data available
Density :	( 20 °C )	ca.	1,01 g/cm <sup>3</sup>
Water solubility :	( 20 °C )		100 Wt %
PH value :			6
Partition coefficient (n-octanol/water) :		<	3
Viscosity :	( 20 °C )		50 mPa.s
Vapour density (air = 1) :	( 101 kPa )		No data available

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

not applicable

### 10.2 Chemical stability

Stable under normal conditions of use

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

Strong oxidizers

### 10.6 Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

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### 11.1 Information on toxicological effects

#### Irritant and corrosive effects

##### Primary irritation to the skin

Not an irritant.

##### Irritation to eyes

Not an irritant.

##### Irritation to respiratory tract

No data available

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

##### Carcinogenicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

##### Germ cell mutagenicity/Genotoxicity

No indications of human germ cell mutagenicity exist.

##### Reproductive toxicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

#### Specific target organ toxicity (single exposure)

not applicable

#### Specific target organ toxicity (repeated exposure)

Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.

## SECTION 12: Ecological information

### 12.1 Toxicity

Harmless to aquatic organisms up to the tested concentration

### 12.2 Persistence and degradability

Biodegradable.

### 12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

### 12.6 Other adverse effects

None

### 12.7 Further ecological information

None

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Delivery to an approved waste disposal company. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### 14.1 UN number

No dangerous goods in sense of this transport regulation.

### 14.2 UN proper shipping name

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No dangerous goods in sense of this transport regulation.

### 14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

### 14.4 Packing group

No dangerous goods in sense of this transport regulation.

### 14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

### 14.6 Special precautions for user

None

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulations

##### Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. II) : < 5 %

##### Water hazard class (WGK)

Class : 2 (Hazardous to water) Classification according to VwVwS

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

## SECTION 16: Other information

### 16.1 Indication of changes

07. Hints on joint storage - Storage class

### 16.2 Abbreviations and acronyms

None

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Category 3 ; Harmful to aquatic life with long lasting effects.

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

##### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

### 16.5 Relevant R-, H- and EUH-phrases (Number and full text)

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

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22 Harmful if swallowed.  
34 Causes burns.  
38 Irritating to skin.  
50/53 Very 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.

### 16.6 Training advice

None

### 16.7 Additional information

**Article No.:** 819

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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