

**SAFETY DATA SHEET**  
According to Regulation (EC) No 1907/2006  
**Marisol QS**

Version number: 4

Issued: 2022-05-03

Replaces SDS: 2021-06-28

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

### 1.1. Product identifier

<b>Trade name</b>	Marisol QS
<b>Article No.</b>	24-4061
<b>UFI code</b>	6AK8-D001-A00J-J4AV

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

<b>Product type</b>	Degreasing agent
<b>Relevant identified uses</b>	Restricted to professional users.

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

<b>Supplier</b>	AB DFS
Street address	Fiskebäcks Hamn 7 426 58 Västra Frölunda Sweden
Telephone	031-29 14 35
Email	order@dfs-ab.se
Web site	www.dfs-ab.se

### 1.4. Emergency telephone number

<b>Emergency phone number</b>	112
<b>Available outside office hours</b>	Yes

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

<b>Classification</b>	Aspiration hazard, hazard category 1
-----------------------	--------------------------------------

<b>Hazard statements</b>	H304
--------------------------	------

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

<b>Hazard pictograms</b>	
--------------------------	---

<b>Signal word</b>	Danger
--------------------	--------

<b>Precautionary statements</b>	P331 Do NOT induce vomiting. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P405 Store locked up.
---------------------------------	---

<b>More information</b>	EUH066 Repeated exposure may cause skin dryness or cracking. Contains: Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics
-------------------------	---

**SAFETY DATA SHEET**  
According to Regulation (EC) No 1907/2006  
**Marisol QS**

Version number: 4

Issued: 2022-05-03

Replaces SDS: 2021-06-28

### 2.3. Other hazards

**Other hazards**

The substance/mixture does not contain any components that are considered persistent, bioaccumulative and toxic (PBT) or very persistent and highly bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2%aromatics	- 920-107-4 01-2119453414-43 -	95 - 96%	Asp. Tox. 1	H304, EUH066 - -	-
Dipropylene glycolmethylether	34590-94-8 252-104-2 01-2119450011-60 -	1 - 2%	-	- - -	-

**Substance additional information**

Regulation (EC) No 648/2004 on detergents: Contains: Non-ionic surfactants <5%.

Section 16 for the full text of H-phrases mentioned in this section.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Description of first aid measures**

In uncertainty or when symptoms persist, seek medical attention.

**Inhalation**

Fresh air and rest. Keep an eye on the injured person. If symptoms persist, call a physician. In the event of breathing difficulties, provide respiration assistance and contact a doctor immediately.

**Skin contact**

Remove contaminated clothing and shoes immediately. Rinse immediately with plenty of water.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Ingestion**

Rinse mouth with water. DO NOT INDUCE VOMITING! In the event of vomiting, hold the head low so that the contents of the stomach do not make their way down into the lungs. Immediately to the hospital for examination.

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

**Most important symptoms and effects, both acute and delayed**

Harmful: may cause lung damage if swallowed.  
Mild eye irritation.

**Inhalation**

Exposure to solvent vapours and spraying mist may cause headaches, dizziness, tiredness and nausea.

**Skin contact**

Repeated exposure may cause skin dryness or cracking.

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

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media** Do not use a direct jet of water.

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

**Special hazards arising from the substance or mixture** The product is combustible. The product may accumulate static electricity. In case of fire, the following can be released: Carbon oxides, nitrogen oxides (NOx).

### 5.3. Advice for firefighters

**Special protective equipment for fire-fighters** Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face mask. Firefighter equipment (eg helmet, safety boots and gloves) that complies with the European standard EN 469, provides basic protection in the event of chemical accidents.

**Measures in case of fire** Immediately isolate the area by dismissing people in the vicinity of the fire. No measures involving personal risk shall be taken without training or measures. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply.

## SECTION 6: Accidental release measures

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

**Personal precautions, protective equipment and emergency procedures** Ensure good ventilation. Wear suitable protective equipment. Do not inhale fumes. Avoid contact with spilled material.

### 6.2. Environmental precautions

**Environmental precautions** Prevent entry to sewers and public waters. Notify the responsible authority in the event of contamination of soil or water, or discharges into sewage systems.

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

**Methods and material for containment and cleaning up** CONTAINMENT: Contain spill with soil, sand or other inert material. Pump up liquid spillage with explosion-proof pump or hand pump, or use suitable absorbent material. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### 6.4. Reference to other sections

**Reference to other sections** See Section 1 for contact in case of emergency. Personal protection see section 8 and for disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Preventive handling precautions** Ensure good ventilation. Avoid the inhalation of fumes as well as contact with skin and eyes. Prevent sparking as a result of static electricity. The equipment must be earthed.

**General hygiene** Wash hands before breaks and at the end of workday.

**SAFETY DATA SHEET**  
According to Regulation (EC) No 1907/2006  
**Marisol QS**

Version number: 4

Issued: 2022-05-03

Replaces SDS: 2021-06-28

*7.2. Conditions for safe storage, including any incompatibilities*

**Conditions for safe storage, including any incompatibilities**

Keep in properly labelled containers. Keep in a cool, well-ventilated place. Keep locked-up. Keep container tightly closed. Store separately from sources of ignition.

*7.3. Specific end use(s)*

**Specific end use(s)**

See section 1.2.

## SECTION 8: Exposure controls/personal protection

*8.1. Control parameters*

**Exposure limits**

Dipropylene glycolmethylether, CAS-no: 34590-94-8, EC-no: 252-104-2. Long-term Exposure Limit: 50 ppm, 308 mg/m<sup>3</sup>. OELs - Occupational Exposure Limits - 1st list, 2000. European Union, Sk.

*8.2. Exposure controls*

**Appropriate engineering controls**

Ensure good ventilation. Mechanical ventilation or local extraction may be required.

**Eye / face protection**

Wear protective goggles if there is a risk of direct contact or splashes.

**Hand protection**

For prolonged or repeated contact use protective gloves.  
Protective gloves complying with EN 374. Nitrile rubber.

**Other skin protection**

Wear suitable protective clothing.

**Respiratory protection**

Wear breathing protection with a type A filter (brown) in the event of insufficient ventilation.

**Environmental exposure controls**

Do not discharge into drains, drinking water supply or ground.

## SECTION 9: Physical and chemical properties

*9.1. Information on basic physical and chemical properties*

**Physical state**

Liquid

**Colour**

Light yellow

**Odour**

Slight odour

**Melting point / freezing point**

No information available

**Boiling point or initial boiling point and boiling range**

180 - 270 °C

**Flammability**

No information available

**Lower and upper explosion limit**

1 - 7 %

**Flash point**

> 100 °C

**Auto-ignition temperature**

> 200 °C

**Decomposition temperature**

No information available

**pH**

No information available

**Kinematic viscosity**

No information available

**SAFETY DATA SHEET**  
According to Regulation (EC) No 1907/2006  
**Marisol QS**

Version number: 4

Issued: 2022-05-03

Replaces SDS: 2021-06-28

**Solubility** Emulsifiable with water.

**Partition coefficient n-octanol/water** No information available

**Vapour pressure** No information available

**Density and/or relative density** 830 kg/m<sup>3</sup>

**Relative vapour density** No information available

**Particle characteristics** Not relevant.

*9.2. Other information*

**Other information** No information available.

## SECTION 10: Stability and reactivity

*10.1. Reactivity*

**Reactivity** No special safety precautions are required.

*10.2. Chemical stability*

**Chemical stability** Stable under normal usage and storage conditions.

*10.3. Possibility of hazardous reactions*

**Possibility of hazardous reactions** No information available.

*10.4. Conditions to avoid*

**Conditions to avoid** Keep away from flames and sparks.

*10.5. Incompatible materials*

**Incompatible materials** Avoid contact with strong oxidizing agents.

*10.6. Hazardous decomposition products*

**Hazardous decomposition products** No harmful degradation products during normal handling.

## SECTION 11: Toxicological information

*11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008*

**Acute toxicity** Based on the available data, the classification criteria are not met.

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2%aromatics	LD50	15000 mg/kg bw	Oral	-	Rat	OECD 401

**SAFETY DATA SHEET**  
According to Regulation (EC) No 1907/2006  
**Marisol QS**

Version number: 4

Issued: 2022-05-03

Replaces SDS: 2021-06-28

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
/ 920-107-4						
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2%aromatics / 920-107-4	LD50	>6100 mg/m <sup>3</sup>	Inhalation	4h	Rat	OECD 403
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2%aromatics / 920-107-4	LD50	>3160 mg/kg bw	Dermal	24h	Rabbit	OECD 402

**Skin corrosion/irritation**

Based on the available data, the classification criteria are not met.  
Degreases the skin. Prolonged or repeated exposure may cause drying and cracking of the skin.

**Serious eye damage/irritation**

Based on the available data, the classification criteria are not met.  
May cause eye irritation.

**Germ cell mutagenicity**

Based on the available data, the classification criteria are not met.

**Carcinogenicity**

Based on the available data, the classification criteria are not met.

**Reproductive toxicity**

Based on the available data, the classification criteria are not met.

**STOT-single exposure**

Based on the available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on the available data, the classification criteria are not met.

**Aspiration hazard**

May be fatal if swallowed and enters airways.

*11.2. Information on other hazards*

**Endocrine disrupting properties**

Contains no substances with endocrine disrupting properties.

**Other information**

No information available

## SECTION 12: Ecological information

*12.1. Toxicity*

**Toxicity**

The product is not classified as environmentally harmful.

**Acute fish toxicity**

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics (D70), produced a 96-hour LL50 value of >1000 mg/L and LL0 value of 1000 mg/L with rainbow trout, *Oncorhynchus mykiss*.

**Acute algae toxicity**

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, <2% aromatics in which the EL50 was found to be >100 mg/l and the NOELR was 100 mg/l.

**Acute crustacean toxicity**

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, <2% aromatics (GS 215), produced a 48-hour EL50 value of >100 mg/L in *Daphnia magna*.

*12.2. Persistence and degradability*

**Persistence and degradability**

Expected to be easily biodegradable.

**SAFETY DATA SHEET**  
According to Regulation (EC) No 1907/2006  
**Marisol QS**

**Version number:** 4  
**Issued:** 2022-05-03  
**Replaces SDS:** 2021-06-28

*12.3. Bioaccumulative potential*

**Bioaccumulative potential** Bioaccumulation is unlikely.

*12.4. Mobility in soil*

**Mobility** No information available

*12.5. Results of PBT and vPvB assessment*

**Results of PBT and vPvB assessment** This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB.

*12.6. Endocrine disrupting properties*

**Endocrine disrupting properties** Contains no substances with endocrine disrupting properties.

*12.7. Other adverse effects*

**Other adverse effects** No information available

## SECTION 13: Disposal considerations

*13.1. Waste treatment methods*

**Disposal considerations** The product is hazardous waste. Dispose of any product, residue or packing material according to national and local regulations. The product should not be allowed to enter drains, water courses or the soil.

**Packaging** Empty, cleaned packaging can be sorted for recycling.

Waste code	Description
07 06 04*	other organic solvents, washing liquids and mother liquors
20 01 13*	Solvents

Please note - an asterisk (\*) next to a code denotes that it is HAZARDOUS WASTE.

*Other*

**Waste code** The waste code is a recommendation. Depends on business area and use. Appropriate classification of waste is the user's responsibility.

## SECTION 14: Transport information

*14.1. UN number*

**UN number** Not classified as dangerous in the meaning of transport regulations.

*14.2. UN proper shipping name*

Not applicable.

*14.3. Transport hazard class(es)*

**Label** Not applicable.

*14.4. Packing group*

**Packing group** Not applicable.

**SAFETY DATA SHEET**  
According to Regulation (EC) No 1907/2006  
**Marisol QS**

Version number: 4

Issued: 2022-05-03

Replaces SDS: 2021-06-28

14.5. Environmental hazards

**Environmental hazards** Not applicable.

14.6. Special precautions for user

**Special precautions for user** Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

**Maritime transport in bulk according to IMO instruments** Not applicable.

## SECTION 15: Regulatory information

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

**EU regulations** Regulation (EC) No 1907/2006 of the European Parliament and of the Council, (REACH).  
European Parliament and Council Regulation (EC) No. 1272/2008, CLP.  
EUROPEAN PARLIAMENT AND COUNCIL REGULATION (EC) No 648/2004 on detergents.

**National regulations** Local laws and regulations should be carefully observed.

15.2. Chemical safety assessment

**Chemical safety assessment** A chemical safety assessment has been performed for:  
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics  
Dipropylene glycol methyl ether

## SECTION 16: Other information

**Changes to previous revision** 1

**Abbreviations** PBT: Persistent, Bioaccumulative and Toxic.  
vPvB: very Persistent and very Bioaccumulative.  
LD50: Lethal dose, the dose that kills 50% of a population.  
LC50: Lethal concentration for 50% of a test population.  
EC50: The concentration of a substance that affects 50% of a population over a given period of time.

**References to key literature and data sources** <http://echa.europa.eu>  
<http://eur-lex.europa.eu>

**Evaluation methods for classification** The classification is based on the addition method according to Regulation (EC) No 1272/2008 (CLP).

**Phrase meaning** Asp. Tox. 1 - Aspiration hazard, hazard category 1  
H304 May be fatal if swallowed and enters airways.  
EUH066 Repeated exposure may cause skin dryness or cracking.