Safety Data Sheet

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Fluo-ST1

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

Laboratory Chemical

1.3 Details of the supplier of the safety data sheet

Emulseo
Cheminnov - 14 avenue Pey Berland
33600 Pessac
France
contact@emulseo.com

1.4 Emergency telephone number

In case of emergency: +33(0) 535 541 006

Section 2: Hazards identification

2.1 Classification of the substances or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.
Classification according to Directive 67/548/EEC or 1999/45/EC as amended
This preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.
Classification Xn;R65, Xi;R38, N;R51-53
The full text for all R-phrases is displayed in section 16.
Classification according to Regulation (EC) No 1272/2008 as amended
Skin corrosion/irritation Category 2 H315 - Causes skin irritation.
Health hazards
H336 - May cause drowsiness or
dizziness.
Specific target organ toxicity - single Category 3 narcotic effects
exposure
H304 - May be fatal if swallowed
and enters airways.
Aspiration hazard Category 1
H411 - Toxic to aquatic life with
long lasting effects.
Hazardous to the aquatic environment, Category 2
long-term aquatic hazard
Environmental hazards
Hazard summary
Physical hazards Not classified for physical hazards.
Health hazards Irritating to skin. Harmful: may cause lung damage if swallowed. Occupational exposure to the substance or mixture may cause adverse health effects.
Environmental hazards Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
Specific hazards Vapours may cause drowsiness and dizziness. Direct contact with eyes may cause temporary irritation. Swallowing of the liquid, or vomiting as a result, may result in aspiration into the lungs. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Organic solvents may be absorbed into the body by inhalation and cause permanent damage to the nervous system, including the brain.

Main symptoms Vapours may cause drowsiness and dizziness. Symptoms include itching, burning, redness, and tearing of eyes. Prolonged or repeated contact may dry skin and cause irritation. Be aware that symptoms of chemical pneumonia (shortness of breath) may occur several hours after exposure.

2.2 Label elements

Label according to Regulation (EC) No. 1272/2008 as amended
Contains: Distillates (petroleum), hydrotreated light
Hazard pictograms

Signal word Danger
Hazard statements
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
Precautionary statements
Prevention
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing mist or vapour.
P271 Use only outdoors or in a well-ventilated area.
P264 Wash thoroughly after handling.
P273 Avoid release to the environment.
Response
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P362 Take off contaminated clothing and wash before reuse.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P312 Call a POISON CENTRE or doctor/physician if you feel unwell.
P391 Collect spillage.
Storage
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
Disposal
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental label information None.

2.3 Other hazards

Not a PBT or vPvB substance or mixture. Direct contact with eyes may cause temporary irritation. Swallowing or vomiting of the liquid may result in aspiration into the lungs. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Organic solvents may be absorbed into the body by inhalation and cause permanent damage to the nervous system, including the brain.

Section 3: Composition

3.1 Substances
Not applicable – product is a mixture.

3.2 Mixtures

General information

Chemical name	%	CAS-No. / EC-No.	REACH Registration No.	INDEX No.	Notes
Distillates (petroleum, hydrotreated light	60-100	64742-47-8 265-149-8	-	649-422-00-2	
Classification:	**DSD:** Xn;R65, Xi;R38, N;R51-53 **CLP:** Asp. Tox. 1;H304, Skin Irrit. 2;H315, STOT SE 3;H336, Aquatic Chronic 2;H411				

List of abbreviations and symbols that may be used above
DSD: Directive 67/548/EEC.
CLP: Regulation No. 1272/2008.
Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. The full text for all R-phrases is displayed in section 16 of the SDS.

Section 4: First aid measures

General information Keep victim warm. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1 Description of the first aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration or give oxygen by trained personnel.
Skin contact Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Use soap if available. Get medical attention if irritation develops or persists. Wash clothing separately before reuse.
Eye contact Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.
Ingestion IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

4.2 Most important symptoms and effects, both acute and delayed

Vapors may cause nausea, headache and/or dizziness. Symptoms include itching, burning, redness, and tearing of eyes. Prolonged or repeated contact may dry skin and cause irritation. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure.

4.3 Indication of any immediate medical attention and special treatments needed

Treat symptomatically.

Section 5: Firefight measures

General fire hazards This product is not flammable or combustible. The product is not flammable. Will burn if involved in a fire.

5.1 Extinguishing media

Suitable extinguishing media
Foam. Dry powder. Carbon dioxide (CO2). Water Spray or Fog
Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from substances or mixture

During fire, gases hazardous to health may be formed.

5.3 Advice for fire fighters

Special protective equipment for firefighters
Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire fighting procedures
Use water spray to cool unopened containers. Move containers from fire area if you can do so without risk.

Section 6: Accidental releases measures

6.1 Personal precautions, precaution equipment and emergency procedures

For non-emergency personnel
Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Local authorities should be advised if significant spillages cannot be contained. Keep out of low areas. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
For emergency responders
Keep unprotected personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2 Environmental precautions

Do not contaminate water.

6.3 Methods and materials for containment and clearing up

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil etc) away from spilled material.
Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Never return spills in original containers for re-use.

6.4 References to other sections

For personal protection, see Section 8 of the SDS. For waste disposal, see Section 13 of the SDS.

Section 7: Handling and storage

7.1 Precautions for safe handling

Eliminate all sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Wear appropriate personal protective equipment. Avoid breathing mists or vapours. Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Store in a cool place. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Store away from incompatible materials (see section 10 of the SDS). Flammable Liquids; Hazard Class for Storage: 3.

7.3 Specific end uses

Rain/water repellant treatment for glass surfaces.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Belgium. Exposure Limit Values.

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3 Vapor.hydrotreated light (CAS64742-47-8)	TWA	200 mg/m3	Vapor.

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3 Vapor.hydrotreated light (CAS64742-47-8)	TWA	300 mg/m3	-.

Denmark. Exposure Limit Values

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3 Vapor.hydrotreated light (CAS64742-47-8)	TLV	1 mg/m3	Mist.

Finland. Workplace Exposure Limits

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3 Vapor.hydrotreated light (CAS64742-47-8)	TWA	500 mg/m3	-

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3	TWA	140 mg/m3	Vapor and aerosol.
Vapor.hydrotreated light (CAS64742-47-8)		20 ppm	Vapor and aerosol.

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3 Vapor.hydrotreated light (CAS64742-47-8)	Ceiling	5 mg/m3	Mist.

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3 Vapor.hydrotreated light (CAS64742-47-8)	TWA	1 mg/m3	Mist.

Ireland. Occupational Exposure Limits

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3 Vapor.hydrotreated light (CAS64742-47-8)	TWA	5 mg/m3	Inhalable fration.

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements (Hygiene Norm HN 23:2007)

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3	STEL	500 mg/m3	-
Vapor.hydrotreated light (CAS64742-47-8)	TWA	350 mg/m3	

Netherlands. OELs (binding)

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3 Vapor.hydrotreated light (CAS64742-47-8)	TWA	5 mg/m3	**Mist.**

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3	TLV	275 mg/m3	-
Vapor.hydrotreated light (CAS64742-47-8)		1 mg/m3 40 ppm	Mist.

Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3	STEL	300 mg/m3	**-**
Vapor.hydrotreated light (CAS64742-47-8)	TWA	100 mg/m3	

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3	STEL	10 mg/m3	Aerosol
Vapor.hydrotreated light (CAS64742-47-8)	TWA	5 mg/m3	Aerosol

Spain. Occupational Exposure Limits

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3	STEL	10 mg/m3	Mist.
Vapor.hydrotreated light (CAS64742-47-8)	TWA	5 mg/m3	Mist.

Sweden. Occupational Exposure Limit Values

Components	Type	Value	Form
Distillates (petroleum), TWA 200 mg/m3	STEL	500 mg/m3	-
Vapor.hydrotreated light (CAS64742-47-8)	TWA	350 mg/m3	-

Biological limit values
No biological exposure limits noted for the ingredient(s).
Recommended monitoring procedures
Follow standard monitoring procedures.
Derived no-effect level (DNEL)
Not available.
Predicted no effect concentrations (PNECs)
Not available.

8.2 Exposure controls

Appropriate engineering controls
Use explosion-proof equipment. Provide adequate general and local exhaust ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours. Provide eyewash station.
Individual protection measures, such as personal protective equipment General information
Use personal protective equipment as required. Keep working clothes separately. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
Eye/face protection
Wear safety glasses with side shields (or goggles).
Skin protection
- Hand protection
Wear protective gloves. Nitrile gloves are recommended but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier.
- Other
Wear suitable protective clothing. Full body suit and boots are recommended when handling large volumes or in emergency situations. Wear protective gloves.
Respiratory protection
If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with gas filter (type A2).

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.
Hygiene measures
Do not get in eyes. Avoid contact with skin. Do not get this material on clothing. When using, do not eat, drink or smoke. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practices.
Environmental exposure controls
Environmental manager must be informed of all major releases.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance
Physical state Liquid.
Form Liquid.
Colour Colourless.
Odour Hydrocarbon-like.
Odour threshold Not available.
pH Not available.
Melting point/freezing point -77 °C (-106,6 °F)
Initial boiling point and boiling range
218 - 257 °C (424,4 - 494,6 °F)
Flash point > 94,0 °C (> 201,2 °F)
Evaporation rate Not available.
Flammability (solid, gas) Not applicable.
Upper/lower flammability or explosive limits
Flammability limit – lower (%) 0,6
Flammability limit – upper (%) 4,9
Vapour pressure Not available.
Vapour density Not available.
Relative density 0,791 @ 15,6 °C (60,08 °F)
Solubility(ies) Not available.
Partition coefficient (n-octanol/water) No data available.
Auto-ignition temperature > 200 °C (> 392 °F)
Decomposition temperature Not available.
Viscosity Not available.
Explosive properties Not available.
Oxidizing properties Not available.

9.2 Other information

No relevant additional information available.

Section 10: Stability and reactivity

10.1 Reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.2 Chemical Stability

Stable at normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

10.4 Conditions to avoid

Contact with incompatible materials. Avoid high temperatures. Protect against direct sunlight.

10.5 Incompatible materials

Strong oxidizers, strong acids, and strong bases.

10.6 Hazardous decomposition products

Carbon oxides. Hydrogen chloride.

Section 11: Toxicology information

Information on likely routes of exposure
Inhalation Vapours may irritate throat and respiratory system and cause coughing. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.
Skin contact Causes skin irritation.
Eye contact Direct contact with eyes may cause temporary irritation.
Ingestion May be fatal if swallowed and enters airways. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Symptoms Vapours may cause drowsiness and dizziness. Symptoms include itching, burning, redness, and tearing of eyes. Be aware that symptoms of chemical pneumonia (shortness of breath) may occur several hours after exposure.

11.1 Information on toxicological effects

Acute toxicity Vapours may cause drowsiness and dizziness. Prolonged or repeated contact may dry skin and cause irritation. Direct contact with eyes may cause temporary irritation. Harmful if swallowed, can enter lungs and cause damage. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Skin corrosion/irritation Causes skin irritation.
Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.
Respiratory sensitisation Based on available data, the classification criteria are not met.
Skin sensitisation This product is not expected to cause skin sensitisation.
Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity Contains no ingredient listed as toxic to reproduction
Specific target organ toxicity - single exposure May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure Based on available data, the classification criteria are not met.
Aspiration hazard May be fatal if swallowed and enters airways. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Be aware that symptoms of chemical pneumonia (shortness of breath) may occur several hours after exposure.
Mixture versus substance information Not available.

Other information Organic solvents may be absorbed into the body by inhalation and cause permanent damage to the nervous system, including the brain. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue) and/or damage.

Section 12: Ecological information

12.1 Toxicity

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

12.2 Persistence and degradability

The product is not expected to be readily biodegradable.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

The product is insoluble in water. The product contains organic solvents which will evaporate easily from all surfaces.

12.5 Results of PBT and vPvB assement

Not a PBT or vPvB substance or mixture.

12.6 Other adverse effect

The product contains a substance which has a photochemical ozone creation potential.

Section 13: Disposal consideration

13.1 Waste treatment methods

Residual waste Dispose of in accordance with local regulations.
Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Residual vapours may explode on ignition; do not cut, drill, grind, or weld on or near this container.
EU waste code 16 03 05*
Waste codes should be assigned by the user based on the application for which the product was used.
Disposal methods/information Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14: Transport information

ADR
14.1. UN number UN3082
14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)
14.3. Transport hazard class(es)
Class 9
Subsidiary risk -
Label(s) 9
Hazard No. (ADR) 90
Tunnel restriction code E
14.4. Packing group III
14.5. Environmental hazards Yes
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

RID
14.1. UN number UN3082
14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)
14.3. Transport hazard class(es)

Class 9
Subsidiary risk -
Label(s) 9
14.4. Packing group III
14.5. Environmental hazards Yes
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

ADN
14.1. UN number UN3082
14.2. UN proper shipping name Environmentally Hazardous Liquid, N.o.s. (Distillates (petroleum), hydrotreated light)
14.3. Transport hazard class(es)
Class 9
Subsidiary risk -
Label(s) 9
14.4. Packing group III
14.5. Environmental hazards Yes
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA
14.1. UN number UN3082
14.2. UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. (DISTILLATES (PETROLEUM),HYDROTREATED LIGHT)
14.3. Transport hazard class(es)
Class 9
Subsidiary risk -
Label(s) 9
14.4. Packing group III
14.5. Environmental hazards Yes
ERG Code 9L
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safetyinstructions, SDS and emergency procedures before handling.

IMDG
14.1. UN number UN3082
14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DISTILLATES (PETROLEUM), HYDROTREATED LIGHT)
14.3. Transport hazard class(es)
Class 9
Subsidiary risk -
Label(s) 9
14.4. Packing group III
Marine pollutant Yes
14.5. Environmental hazards
EmS F-A, S-F
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safetyinstructions, SDS and emergency procedures before handling.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code This substance/mixture is not intended to be transported in bulk.
General information The product is eligible for Limited Quantity exemption because its unit size meets the relevant thresholds. It may be eligible for Excepted Quantity exemption, dependant on quantity of units within the outer package.

Section 15: Regulatory information

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

EU regulations
Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I
Not listed.
Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II
Not listed.
Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended
Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended
Not listed.
Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry
Not listed.
Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA
Not listed.
Authorisations
Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended
Not listed.
Restrictions on use
Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
Not listed.
Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work
Not listed.
Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding
Not listed.
Other EU regulations
Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances
Not listed.
Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)
Directive 94/33/EC on the protection of young people at work
Not listed.
Other regulations The product has been classified according to the legislation in force. The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended and respective national laws implementing EC directives.

National regulations Follow national regulation for work with chemical agents.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out.

Section 16: Other information

List of abbreviations
DSD: Directive 67/548/EEC.
CLP: Regulation No. 1272/2008.
DNEL: Derived No-Effect Level.
PNEC: Predicted No-Effect Concentration.
References Not available.
Information on evaluation method leading to the classification of mixture
The mixture is classified based on test data for physical hazards. The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available. For details, refer to Sections 9, 11 and 12.
Full text of any statements or R-phrases and H-statements under Sections 2 to 15
R38 Irritating to skin.
R51 Toxic to aquatic organisms.

R53 May cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
Training information Not available.

Disclaimer
The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by Emulseo, and to recommend precautionary measures for the storage and handling of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.