1. Identification

GHS Product Identifier
Mixture identification:
Trade name: DIESTONE SR (FORMERLY PF SR)
MSDS code: P28294A

Recommended use of the chemical and restrictions on use
Recommended use:
Cleaner
Industrial uses
Restrictions on use:
No uses advised against are identified.

Supplier's details
Company: SOCOMORE S.A.S.
Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France
Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 20 26
Distributor/Manufacturer: Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland -
Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com
Distributor New Zealand: STSNZ Ltd, 3/45 Hapua Street, Remuera, Auckland - New Zealand /
Emergency Phone No.: +6495299570

Competent person responsible for the safety data sheet: techdirsocomore@socomore.com

Emergency phone number
International : CHEMTEL +1-813-248-0585.

2. Hazard identification

Classification complies with the provisions of the United Nations Globally Harmonized System of
Classification and Labeling of Chemicals (GHS) and is consistent with ERMA New Zealand Approval
number (HSNO) HSR002670.

👉 Warning, Flam. Liq. 3, Flammable liquid and vapour.
👉 Danger, Eye Dam. 1, Causes serious eye damage.
👉 Warning, STOT SE 3, May cause respiratory irritation.
👉 Warning, STOT SE 3, May cause drowsiness or dizziness.
👉 Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.
Aquatic Acute 3, Harmful to aquatic life.
👉 Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

GHS label elements, including precautionary statements
Hazard pictograms:
Safety Data Sheet
DIESTONE SR (FORMERLY PF SR) - P28294A

Hazard statements:
H226 Flammable liquid and vapour.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
H402 Harmful to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves and eye/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER if you feel unwell.
P331 Do NOT induce vomiting.
P370+P378 In case of fire: Use a CO2 fire extinguisher to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:
None

Other hazards which do not result in a classification
No other hazards

3. Composition/information on ingredients

Substances
N.A.

Mixtures
Hazardous components within the meaning of GHS and related classification:

<table>
<thead>
<tr>
<th>Qty Range</th>
<th>Name</th>
<th>Ident. Number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;= 70% - &lt; 80%</td>
<td>HYDROCARBONS, C10, AROMATICS, &lt;1% NAPHTHALENE</td>
<td>EC: 918-811-1</td>
<td>2.6/4 Flam. Liq. 4 H227</td>
</tr>
<tr>
<td></td>
<td></td>
<td>REACH No.: 01-2119463583-34</td>
<td>3.10/1 Asp. Tox. 1 H304</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3.8/3 STOT SE 3 H336</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4.1/C2 Aquatic Chronic 2 H411</td>
</tr>
<tr>
<td>&gt;= 20% - &lt; 25%</td>
<td>ETHYL L-LACTATE</td>
<td>Index number: 607-129-00-7</td>
<td>2.6/3 Flam. Liq. 3 H226</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CAS: 687-47-8</td>
<td>3.3/1 Eye Dam. 1 H318</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EC: 211-694-1</td>
<td>3.8/3 STOT SE 3 H335</td>
</tr>
</tbody>
</table>
4. First-aid measures

**Description of necessary first-aid measures**

In case of skin contact:
- Immediately take off all contaminated clothing.
- OBTAIN IMMEDIATE MEDICAL ATTENTION.
- Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:
- After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time,
- then consult an ophthalmologist immediately.
- Protect uninjured eye.

In case of Ingestion:
- Do NOT induce vomiting.

In case of Inhalation:
- In case of inhalation, consult a doctor immediately and show him packing or label.

**Most important symptoms/effects, acute and delayed**
- None

**Indication of immediate medical attention and special treatment needed, if necessary**
- In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
- Treatment:
- No particular treatment.

5. Fire-fighting measures

**Suitable extinguishing media**
- In case of fire: Use a CO2 fire extinguisher to extinguish.

**Unsuitable extinguishing media:**
- None in particular.

**Special hazards arising from the chemical**
- Do not inhale explosion and combustion gases.
- Burning produces heavy smoke.

**Hazardous combustion products:**
- None
- Explosive properties: yes
- Oxidizing properties: N.A.

**Special protective actions for fire-fighters**
- Use suitable breathing apparatus.
- Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Safety Data Sheet
DIESTONE SR (FORMERLY PF SR) - P28294A

Wear personal protection equipment.
Remove all sources of ignition.
Wear breathing apparatus if exposed to vapours/dusts/aerosols.
Provide adequate ventilation.
Use appropriate respiratory protection.
See protective measures under point 7 and 8.

Environmental precautions
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

Methods and material for containment and cleaning up
Wash with plenty of water.

7. Handling and storage

Precautions for safe handling
Avoid contact with skin and eyes, inhalation of vapours and mists.
Use localized ventilation system.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities
Always keep in a well ventilated place.
Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Avoid accumulating electrostatic charge.
Keep away from food, drink and feed.
Incompatible materials:
See section 10.5
Instructions as regards storage premises:
Cool and adequately ventilated.
Safety electric system.

8. Exposure controls/personal protection

Control parameters
HYDROCARBONS, C10, AROMATICS,<1% NAPHTHALENE
- OEL Type: National - TWA: 100 mg/m3, 17 ppm - Notes: ExxonMobil
ETHYL L-LACTATE - CAS: 687-47-8
- OEL Type: National - TWA(8h): 25 mg/m3 - STEL: 49 mg/m3 - Notes: Finland
naphthalene - CAS: 91-20-3
- OEL Type: National - TWA(8h): 50 mg/m3, 10 ppm - Notes: INRS, France
- OEL Type: EU - TWA(8h): 50 mg/m3, 10 ppm
- OEL Type: ACGIH - TWA(8h): 10 ppm - Notes: Skin, A3 - URT irr, cataracts, hemolytic anemia

DNEL Exposure Limit Values
HYDROCARBONS, C10, AROMATICS,<1% NAPHTHALENE
Worker Professional: 12.5 mg/kg bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 150 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term,
systemic effects
Consumer: 7.5 mg/kg bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 32 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 7.5 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values
ETHYL L-LACTATE - CAS: 687-47-8
Target: Microorganisms in sewage treatments - Value: 0.4 mg/l

Appropriate engineering controls:
None

Individual protection measures, such as personal protective equipment (PPE)

Eye protection:
Safety goggles (EN 166)
Face protection shield. (EN 166)
Use closed fitting safety goggles, don't use eye lens.

Protection for skin:
Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
Chemical protection clothing. (type 3 - EN14605)
Chemical protection clothing. (type 6 - EN13034)

Protection for hands:
Suitable gloves type: NF EN374
PVA (Polyvinyl alcohol).

Respiratory protection:
Use adequate protective respiratory equipment.
Mask with filter "A1", brown colour (NF EN14387)

Thermal Hazards:
None

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Properties</th>
<th>Value</th>
<th>Method:</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance and colour:</td>
<td>FLUID LIQUID</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Odour:</td>
<td>N.A.</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Odour threshold:</td>
<td>N.A.</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>pH:</td>
<td>N.A.</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Melting point / freezing point:</td>
<td>Not Relevant</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Initial boiling point and boiling range:</td>
<td>N.A.</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Flash point (°C):</td>
<td>&gt; 55 °C - &lt;= 60 °C</td>
<td>EN ISO 2719</td>
<td>--</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>N.A.</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Solid/gas flammability:</td>
<td>N.A.</td>
<td>--</td>
<td>liquid</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits:</td>
<td>0.6-11.4%</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>
Vapour pressure: < 1 kPa (20°C) -- --
Vapour density: > 1 -- --
Relative density: < 1 -- --
Solubility in water: N.A. -- --
Solubility in oil: N.A. -- --
Partition coefficient (n-octanol/water): N.A. -- --
Auto-ignition temperature: 337 °C -- --
Decomposition temperature: N.A. -- --
Viscosity: < 7 mm²/s (40°C) -- --

10. Stability Toxicological information

Reactivity
It may generate dangerous reactions (See subsections below)

Chemical stability
It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions
None

Conditions to avoid
Avoid accumulating electrostatic charge.

Incompatible materials
Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products
None.

11. Toxicological information

Information on toxicological effects

Toxicological information of the product:
N.A.

Toxicological information of the main substances found in the product:
HYDROCARBONS, C10, AROMATICS,<1% NAPHTHALENE
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 4688 mg/m³

ETHYL L-LACTATE - CAS: 687-47-8
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 5.6 mg/l - Duration: 4h

naphthalene - CAS: 91-20-3
a) acute toxicity:
Test: LD50 - Route: Skin - Species: Rat > 2500 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 0.4 mg/l - Duration: 4h

P28294A/1
Page 6 / 10
If not differently specified, the information listed below must be considered as N.A.:
   a) acute toxicity;
   b) skin corrosion/irritation;
   c) serious eye damage/irritation;
   d) respiratory or skin sensitisation;
   e) germ cell mutagenicity;
   f) carcinogenicity;
   g) reproductive toxicity;
   h) STOT-single exposure;
   i) STOT-repeated exposure;
   j) aspiration hazard.

12. Ecological information

Toxicity

Adopt good working practices, so that the product is not released into the environment.

HYDROCARBONS, C10, AROMATICS,<1% NAPHTHALENE

a) Aquatic acute toxicity:
   Endpoint: EC50 - Species: Daphnia > 3 mg/l - Duration h: 48 - Notes: Daphnia magna
   Endpoint: EC50 - Species: Algae = 11 mg/l - Duration h: 72 - Notes: Pseudokirchnerella subcapitata
   Endpoint: LC50 - Species: Fish > 2 mg/l - Duration h: 96 - Notes: Oncorhynchus magnus
   Endpoint: DSEO-R (NOELR) - Species: Algae = 2.5 mg/l - Duration h: 72 - Notes: Pseudokirchnerella subcapitata

naphthalene - CAS: 91-20-3

a) Aquatic acute toxicity:
   Endpoint: EL50 - Species: Daphnia > 3 mg/l - Duration h: 48
   Endpoint: LL50 - Species: Fish > 2 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss
   Endpoint: EL50 - Species: Algae = 11 mg/l - Duration h: 72 - Notes: Pseudokirchnerella subcapitata
   Endpoint: DSEO-R (NOELR) - Species: Algae = 2.5 mg/l - Duration h: 72 - Notes: Pseudokirchnerella subcapitata

Persistence and degradability

HYDROCARBONS, C10, AROMATICS,<1% NAPHTHALENE

Biodegradability: Biodegradability rate - Duration: 28 days - %: 50

naphthalene - CAS: 91-20-3

Biodegradability: Biodegradability rate - Duration: 28 days - %: 50

Bioaccumulative potential

ETHYL L-LACTATE - CAS: 687-47-8

Log Pow 0.06

Mobility in soil

N.A.

Other adverse effects

No harmful effects expected.

13. Disposal considerations

Disposal methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations. Please consult Technical Data Sheet for details.
14. Transport information

**UN number**
- ADR-UN Number: 1993
- IATA-UN Number: 1993
- IMDG-UN Number: 1993

**UN proper shipping name**
- ADR-Shipping Name: FLAMMABLE LIQUID, N.O.S. (ETHYL L-LACTATE, HYDROCARBONS, C10, AROMATICS,<1% NAPHTHALENE)
- IATA-Shipping Name: FLAMMABLE LIQUID, N.O.S. (ETHYL L-LACTATE, HYDROCARBONS, C10, AROMATICS,<1% NAPHTHALENE)
- IMDG-Shipping Name: FLAMMABLE LIQUID, N.O.S. (ETHYL L-LACTATE, HYDROCARBONS, C10, AROMATICS,<1% NAPHTHALENE)

**Transport hazard class(es)**
- ADR-Class: 3
- ADR - Hazard identification number: 30
- IATA-Class: 3
- IATA-Label: 3
- IMDG-Class: 3

**Packing group, if applicable**
- ADR-Packing Group: III
- IATA-Packing group: III
- IMDG-Packing group: III

**Environmental hazards**
- ADR-Environmental Pollutant: Yes
- IMDG-Marine pollutant: Marine Pollutant
- Most important toxic component: HYDROCARBONS, C10, AROMATICS,<1% NAPHTHALENE

**Special precautions for user**
- ADR-Subsidiary risks: -
- ADR-S.P.: 274 601
- ADR-Transport category (Tunnel restriction code): 3 (D/E)
- IATA-Passenger Aircraft: 355
- IATA-Subsidiary risks: -
- IATA-Cargo Aircraft: 366
- IATA-S.P.: A3
- IATA-ERG: 3L
- IMDG-EmS: F-E, S-E
- IMDG-Subsidiary risks: -
- IMDG-Stowage and handling: Category A
- IMDG-Segregation: -

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
N.A.

15. Regulatory information

Safety, health and environmental regulations specific for the product in question.

HSNO Group Standard Approval: HSR002529
16. Other information

This document was prepared by a competent person who has received appropriate training. Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and is consistent with ERMA New Zealand Approval number (HSNO) HSR002670.

Full text of phrases referred to in Section 3:
- H227 Combustible liquid.
- H304 May be fatal if swallowed and enters airways.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.
- H226 Flammable liquid and vapour.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.
- H351 Suspected of causing cancer.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H302 Harmful if swallowed.

Main bibliographic sources:
- ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
- SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
- CCNL - Appendix 1

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SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product. The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DNEIL: Derived No Effect Level.
EINECS: European Inventory of Existing Commercial Chemical Substances.
GefStoffVO: Ordinance on Hazardous Substances, Germany.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
INCI: International Nomenclature of Cosmetic Ingredients.
KSt: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
PNEC: Predicted No Effect Concentration.
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWA: Time-weighted average
WGK: German Water Hazard Class.