Safety Data Sheet  
TERGIT - P42414-NA

Safety Data Sheet dated 9/18/2018, version 2

1. IDENTIFICATION
   
   Product identifier
   
   Mixture identification:
   Trade name: TERGIT
   Other means of identification: 
   SDS code: P42414-NA
   
   Recommended use of the chemical and restrictions on use
   
   Recommended use:
   Cleaner
   Industrial uses
   Professional uses
   Restrictions on use:
   No uses advised against are identified.

   Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

   Company:
   Dysol Inc. - 791 Westport Parkway - Fort Worth, TX 76177 / Phone: 1-817-335-1826 / 
   csr-na@socomore.com/ Fax Number: 817-335-2405
   Distributor: 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: Socomore Ltd - 5, Coe Avenue - Loughborough - Leicestershire - LE11 4SE - UK 
   - Tel: +44 1509 262040 - Fax: +44 1509 262046
   Distributor: Socomore Iberia - Calle Diputacion, 260 - 08007 Barcelona - Espana - Tel: +34 917 
   693 962 - Fax: +34 902 908 966
   Distributor: MagChem Inc. 1271, rue Ampere, suite 101, Boucherville, QC, J4B 5Z5 Canada - 
   Tel: 1-450 641 8500 - Fax: 1-450 655 1717
   Distributor: Socomore GmbH - c/o MAZARS GmbH - Theodor-Stern-Kai 1 - 60596 Frankfurt 
   am Main - Deutschland - Tel: +49 (0)89 20 70 28 83 - Fax: +49 (0) 89 88 91 98 16
   Distributor: Socomore Trading Shangai - 355 East Kang Qiao Road - Kang Qiao Industrial 
   Zone - Pudong - 201315 Shangai - Tel: 862158131133 - Fax: 862158131933
   Dystrybutor: SOCOMORE SPzoo - Uł. Piekna 18, 00-549 Warszawa Polska - Tel : +48 608 
   454 114 - Fax : +48 (22) 621 61 09

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

   Emergency phone number

   CHEMTEL: 1-800-255-3924 (USA) / CANUTEC:  1-613-996-6666 (CANADA)

2. HAZARD(S) IDENTIFICATION

   Classification of the chemical

   ! Warning, Eye Irrit. 2A, Causes serious eye irritation.

   Aquatic Acute 3, Harmful to aquatic life.

   Label elements

   Hazard pictograms:

   Warning

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Hazard statements:
  H319 Causes serious eye irritation.
  H402 Harmful to aquatic life.
Precautionary statements:
  P264 Wash hands thoroughly after handling.
  P273 Avoid release to the environment.
  P280 Wear protective gloves and eye/face protection.
  P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  P337+P313 If eye irritation persists: Get medical advice/attention.
  P501 Dispose of contents/container in accordance with applicable regulations.
Special Provisions:
  None
Hazards not otherwise classified identified during the classification process:
  None
Ingredient(s) with unknown acute toxicity:
  None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances
  N.A.
Mixtures
  Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

>= 7% - < 10% SOCIOUM DODECYLBENZENESULFONATE
  CAS: 25155-30-0, EC: 246-680-4
  A.1/4/Oral Acute Tox. 4 H302
  A.1/4/Dermal Acute Tox. 4 H312
  A.3/2A Eye Irrit. 2A H319

>= 7% - < 10% ALCOHOLS C12-15 ETHOXYLATED
  A.3/2A Eye Irrit. 2A H319
  US-HAE/A2 Aquatic Acute 2 H401

>= 1% - < 3% TETRASODIUM ETHYLENEDIAMINETETRAACETATE
  REACH No.: 01-2119486762-27, Index number: 607-428-00-2, CAS: 64-02-8, EC: 200-573-9
  A.1/4/Inhal Acute Tox. 4 H332
  A.1/4/Oral Acute Tox. 4 H302
  A.2/2 Skin Irrit. 2 H315
  A.3/1 Eye Dam. 1 H318
4. FIRST-AID MEASURES
Description of necessary measures
In case of skin contact:
  Immediately take off all contaminated clothing.
  Areas of the body that have - or are only even suspected of having - come into contact with
  the product must be rinsed immediately with plenty of running water and possibly with soap.
  Wash thoroughly the body (shower or bath).
  Remove contaminated clothing immediately and dispose off safely.
  After contact with skin, wash immediately with soap and plenty of water.
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. Obtain a medical examination.
In case of Inhalation:
  Remove casualty to fresh air and keep warm and at rest.
Most important symptoms/effects, acute and delayed
None
Indication of immediate medical attention and special treatment needed
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:
  Water.
  Carbon dioxide (CO2).
Unsuitable extinguishing media:
  None in particular.
Specific hazards arising from the chemical
  Do not inhale explosion and combustion gases.
  Burning produces heavy smoke.
Hazardous combustion products:
None
Explosive properties: N.A.
Oxidizing properties: N.A.
Special protective equipment and precautions 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
  Wear personal protection equipment.
  Remove all sources of ignition.
  Wear breathing apparatus if exposed to vapours/dusts/aerosols.
  Provide adequate ventilation.
  Remove persons to safety.
  Use appropriate respiratory protection.
  See protective measures under point 7 and 8.
Methods and materials 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.
- Do not use on extensive surface areas in premises where there are occupants.
- 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
- Keep away from food, drink and feed.
- Incompatible materials: None in particular.
- Instructions as regards storage premises: Adequately ventilated premises.
- Storage temperature: Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
- **TETRASODIUM ETHYLENEDIAMINETETRAACETATE - CAS: 64-02-8**
  - OEL Type: National - TWA: 10 mg/m3 - Notes: poussiere, France, base : FR VLE
  - OEL Type: National - TWA: 5 mg/m3 - Notes: poussiere, fraction alveolaire, base : FR VLE
  - OEL Type: National - TWA: 10.5 mg/m3 - Notes: poussiere totale, base : FR VLE

DNEL Exposure Limit Values
- **TETRASODIUM ETHYLENEDIAMINETETRAACETATE - CAS: 64-02-8**
  - Worker Industry: 1.5 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
  - Worker Industry: 2.5 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects
  - Worker Industry: 2.8 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
  - Consumer: 1.5 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects
  - Worker Industry: 2.5 mg/m3 - Consumer: 25 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term (repeated)

PNEC Exposure Limit Values
- **TETRASODIUM ETHYLENEDIAMINETETRAACETATE - CAS: 64-02-8**
  - Target: Fresh Water - Value: 2.2 mg/l
  - Target: Marine water - Value: 0.22 mg/l
  - Target: Soil (agricultural) - Value: 0.937 mg/kg
  - Target: Microorganisms in sewage treatments - Value: 43 mg/l
  - Target: Soil (agricultural) - Value: 0.72 mg/kg - Notes:: eau douce
  - Target: PNEC intermittent - Value: 1.6 mg/l

Appropriate engineering controls:
- None

Individual protection measures
- Eye protection:
  - Use close 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.
Protection for hands:
Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.
Respiratory protection:
Not needed for normal use.
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>CLEAR TO HAZY, COLOURLESS TO YELLOW</td>
<td>--</td>
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<tr>
<td>Odour:</td>
<td>N.A.</td>
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<tr>
<td>Odour threshold:</td>
<td>Not Relevant</td>
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</tr>
<tr>
<td>pH:</td>
<td>10.9</td>
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<tr>
<td>Melting point / freezing point:</td>
<td>&lt;0°C/&lt;32°F</td>
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<tr>
<td>Initial boiling point and boiling range:</td>
<td>&gt;100°C/212°F</td>
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<tr>
<td>Flash Point (°F):</td>
<td>N.A.</td>
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<tr>
<td>Flash point (°C):</td>
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<tr>
<td>Evaporation rate:</td>
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<tr>
<td>Solid/gas flammability:</td>
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<tr>
<td>Upper/lower flammability or explosive limits:</td>
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<tr>
<td>Vapour pressure:</td>
<td>N.A.</td>
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<tr>
<td>Vapour density:</td>
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<tr>
<td>Relative density:</td>
<td>1.05</td>
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<tr>
<td>Solubility in water:</td>
<td>N.A.</td>
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<td>Solubility in oil:</td>
<td>N.A.</td>
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<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>N.A.</td>
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<tr>
<td>Auto-ignition temperature:</td>
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<tr>
<td>Decomposition temperature:</td>
<td>N.A.</td>
<td>--</td>
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<tr>
<td>Viscosity:</td>
<td>N.A.</td>
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<tr>
<td>Explosive properties:</td>
<td>N.A.</td>
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<tr>
<td>Oxidizing properties:</td>
<td>N.A.</td>
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</tr>
</tbody>
</table>

9.2. Other information

<table>
<thead>
<tr>
<th>Properties</th>
<th>Value</th>
<th>Method:</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miscibility:</td>
<td>N.A.</td>
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<tr>
<td>Fat Solubility:</td>
<td>N.A.</td>
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<tr>
<td>Conductivity:</td>
<td>N.A.</td>
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</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Stable under normal conditions

Chemical stability
Stable under normal conditions

Possibility of hazardous reactions
None

Conditions to avoid
Stable under normal conditions.

Incompatible materials
None in particular.

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:
TETRASODIUM ETHYLENEDIAMINETETRAACETATE - CAS: 64-02-8
a) acute toxicity:
   Test: LD50 - Route: Oral - Species: Rat = 1780 mg/kg - Duration: 4h
   Test: LC50 - Route: Inhalation - Species: Rat > 1 mg/l - Duration: 4h
   Test: LC50 - Route: Inhalation - Species: Rat < 5 mg/l - Duration: 4h

Substance(s) listed on the NTP report on Carcinogens:
None.

Substance(s) listed on the IARC Monographs:
None.

Substance(s) listed as OSHA Carcinogen(s):
None.

Substance(s) listed as NIOSH Carcinogen(s):
None.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Adopt good working practices, so that the product is not released into the environment.
TETRASODIUM ETHYLENEDIAMINETETRAACETATE - CAS: 64-02-8
a) Aquatic acute toxicity:
   Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Lepomis macrochirus
   Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 24
   Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: Scenedesmus obliquus
   Endpoint: LC50 = 156 mg/kg - Notes: 14J, ver de terre

b) Aquatic chronic toxicity:
   Endpoint: NOAEL - Species: Fish = 36.9 mg/l - Notes: 35J, NOEL(C)
   Endpoint: NOAEL - Species: Daphnia = 25 mg/l - Notes: 21J, NOEL(C)
c) Bacteria toxicity:
   Endpoint: EC20 - Species: bacteria = 500 mg/l - Duration h: 0.5

Persistence and degradability
   TETRASODIUM ETHYLENEDIAMINETETRAACETATE - CAS: 64-02-8
   Biodegradability: Non-readily biodegradable - Test: N.A. - Duration: N.A. - %: N.A. -
   Notes: N.A.

Bioaccumulative potential
   N.A.

Mobility in soil
   N.A.

Other adverse effects
   No harmful effects expected.

13. DISPOSAL CONSIDERATIONS
   Waste treatment and disposal methods
   Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>UN number</th>
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<tbody>
<tr>
<td>ADR-UN Number:</td>
</tr>
<tr>
<td>DOT number:</td>
</tr>
<tr>
<td>IATA-UN Number:</td>
</tr>
<tr>
<td>IMDG-UN Number:</td>
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</tbody>
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<table>
<thead>
<tr>
<th>UN proper shipping name</th>
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<tbody>
<tr>
<td>ADR-Shipping Name:</td>
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<tr>
<td>DOT-Shipping Name:</td>
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<tr>
<td>IATA-Shipping Name:</td>
</tr>
<tr>
<td>IMDG-Shipping Name:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transport hazard class(es)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR-Class:</td>
</tr>
<tr>
<td>DOT Hazard Class:</td>
</tr>
<tr>
<td>ADR - Hazard identification number:</td>
</tr>
<tr>
<td>IATA-Class:</td>
</tr>
<tr>
<td>IATA-Label:</td>
</tr>
<tr>
<td>IMDG-Class:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Packing group</th>
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<tbody>
<tr>
<td>ADR-Packing Group:</td>
</tr>
<tr>
<td>DOT Packing group:</td>
</tr>
<tr>
<td>IATA-Packing group:</td>
</tr>
<tr>
<td>IMDG-Packing group:</td>
</tr>
</tbody>
</table>
Environmental hazards
ADR-Environmental Pollutant: Yes
IMDG-Marine pollutant: Marine Pollutant
Most important toxic component: ALCOHOLS C12-15 ETHOXYLATED
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)
N.A.

Special precautions
DOT Special provisions: 8, 146, 173, 335, IB3, T4, TP1
DOT Labels: 9
ADR-Subsidiary risks: -
ADR-S.P.: 274 335 601
ADR-Transport category (Tunnel restriction code): (E)
IATA-Passenger Aircraft: 964
IATA-Subsidiary risks: -
IATA-Cargo Aircraft: 964
IATA-S.P.: A97 A158
IATA-ERG: 9L
IMDG-EmS: F-A, S-F
IMDG-Subsidiary risks: -
IMDG-Stowage and handling: Category A
IMDG-Segregation: -
Q.L.: 5L
Q.E.: E1

15. REGULATORY INFORMATION
USA - Federal regulations
TSCA - Toxic Substances Control Act
TSCA inventory: all the components are listed on the TSCA inventory.
TSCA listed substances:
SOCIUM DODECYLBENZENESULFONATE is listed in TSCA Section 8b
ALCOHOLS C12-15 ETHOXYLATED is listed in TSCA Section 8b
TETRASODIUM ETHYLENEDIAMINETETRAACETATE is listed in TSCA Section 8b.
SARA - Superfund Amendments and Reauthorization Act
Section 302 - Extremely Hazardous Substances: no substances listed.
Section 304 - Hazardous substances: SOCIUM DODECYLBENZENESULFONATE.
Section 313 - Toxic chemical list: no substances listed.
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
Substance(s) listed under CERCLA: SOCIUM DODECYLBENZENESULFONATE -
Reportable quantity: 1000 pounds.
Reportable quantity for mixture: 10752.68817 pounds.
CAA - Clean Air Act
CAA listed substances:
SOCIUM DODECYLBENZENESULFONATE is listed in CAA Section 111.
CWA - Clean Water Act
CWA listed substances:
SOCIUM DODECYLBENZENESULFONATE is listed in CWA Section 311.

USA - State specific regulations
California Proposition 65
Substance(s) listed under California Proposition 65:
None.
Massachusetts Right to know
Substance(s) listed under Massachusetts Right to know:
SOCIUM DODECYLBENZENESULFONATE.

New Jersey Right to know
Substance(s) listed under New Jersey Right to know:
SOCIUM DODECYLBENZENESULFONATE.

Pennsylvania Right to know
Substance(s) listed under Pennsylvania Right to know:
No substances listed.
The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:

16. OTHER INFORMATION
Full text of phrases referred to in Section 3:
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H319 Causes serious eye irritation.
H401 Toxic to aquatic life.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H318 Causes serious eye damage.

Safety Data Sheet dated 9/18/2018, version 2

Disclaimer:
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. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

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.
DNEL: Derived No Effect Level.
EINECS: European Inventory of Existing Commercial Chemical Substances.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IARC: International Agency for Research on Cancer.
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.
NIOSH: National Institute for Occupational Safety and Health  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Administration  
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