

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: 817-335-2405Distributor: 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 26Distributor: Socomore Ltd - 5, Coe Avenue - Loughborough - Leicestershire - LE11 4SE - UK
- Tel: +44 1509 262040 - Fax: +44 1509 262046Distributor: Socomore Iberia - Calle Diputacio, 260 - 08007 Barcelona - Espana - Tel: +34 917
693 962 - Fax: +34 902 908 966Distributor: MagChem Inc. 1271, rue Ampere, suite 101, Boucherville, QC, J4B 5Z5 Canada -
Tel: 1-450 641 8500 - Fax: 1-450 655 1717Distributor: 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 16Distributor: Socomore Trading Shangai - 355 East Kang Qiao Road - Kang Qiao Industrial
Zone - Pudong - 201315 Shangai - Tel: 862158131133 - Fax: 862158131933Dystrybutor : SOCOMORE SPzoo - Ul. 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

Safety Data Sheet

TERGIT - P42414-NA

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% SOCIUM 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**

CAS: 68131-39-5, EC: 500-195-7

 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

Safety Data Sheet

TERGIT - P42414-NA

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

Safety Data Sheet

TERGIT - P42414-NA

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.

Safety Data Sheet

TERGIT - P42414-NA

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

Properties	Value	Method:	Notes
Appearance and colour:	CLEAR TO HAZY, COLOURLESS TO YELLOW	--	--
Odour:	N.A.	--	--
Odour threshold:	Not Relevant	--	--
pH:	10.9	--	--
Melting point / freezing point:	<0°C/<32°F	--	--
Initial boiling point and boiling range:	>100°C/212°F	--	--
Flash Point (°F):	N.A.	--	--
Flash point (°C):	Not Relevant	--	--
Evaporation rate:	Not Relevant	--	--
Solid/gas flammability:	Not Relevant	--	--
Upper/lower flammability or explosive limits:	Not Relevant	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	1.05	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	Not Relevant	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--

Safety Data Sheet

TERGIT - P42414-NA

Substance Groups relevant properties	N.A.	--	--
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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 macrochiirus
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)

Safety Data Sheet
TERGIT - P42414-NA

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



UN number	
ADR-UN Number:	3082
DOT number:	UN3082
IATA-UN Number:	3082
IMDG-UN Number:	3082
UN proper shipping name	
ADR-Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALCOHOLS C12-15 ETHOXYLATED)
DOT-Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALCOHOLS C12-15 ETHOXYLATED)
IATA-Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALCOHOLS C12-15 ETHOXYLATED)
IMDG-Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALCOHOLS C12-15 ETHOXYLATED)
Transport hazard class(es)	
ADR-Class:	9
DOT Hazard Class:	9
ADR - Hazard identification number:	90
IATA-Class:	9
IATA-Label:	9
IMDG-Class:	9
Packing group	
ADR-Packing Group:	III
DOT Packing group:	III
IATA-Packing group:	III
IMDG-Packing group:	III

Safety Data Sheet

TERGIT - P42414-NA

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.

Safety Data Sheet

TERGIT - P42414-NA

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.
HMIS:	Hazardous Materials Identification System
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).
IMDG:	International Maritime Code for Dangerous Goods.
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.
NFPA:	National Fire Protection Association

Safety Data Sheet

TERGIT - P42414-NA

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