

Safety Data Sheet (HazCom 2012)

WADIS 24/60

Safety Data Sheet date: 3/20/2024, version 4

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: WADIS 24/60

Other means of identification:

SDS code: P10107

Recommended use of the chemical and restrictions on use

Recommended use:

Lubricant

Industrial uses

Restrictions on use:

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

Manufacturers:

Socomore SASU

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 50 26

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Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

Emergency phone number:

CHEMTEL: +1-813-248-0585 (International); 1-800-255-3924 (USA)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

Warning, Flam. Liq. 4, Combustible liquid.

⚠ Warning, Skin Sens. 1B, May cause an allergic skin reaction.

⚠ Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.

Aquatic Acute 3, Harmful to aquatic life.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Label elements

Hazard pictograms:



Danger

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Hazard statements:

- H227 Combustible liquid.
- H317 May cause an allergic skin reaction.
- H304 May be fatal if swallowed and enters airways.
- H402 Harmful to aquatic life.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P272 Contaminated work clothing must not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/clothing and eye/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
- P302+P352 IF ON SKIN: Wash with plenty of water/...
- P331 Do NOT induce vomiting.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P370+P378 In case of fire, use a CO2 fire extinguisher to extinguish.
- 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

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:

>= 60% - < 70% Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

REACH No.: 01-2119457273-39, EC: 918-481-9

⚠ A.10/1 Asp. Tox. 1 H304

>= 5% - < 7% HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

REACH No.: 01-2119463583-34, EC: 918-811-1

⚠ A.10/1 Asp. Tox. 1 H304

⚠ A.8/3 STOT SE 3 H336

⚠ US-HAE/C2 Aquatic Chronic 2 H411

>= 1% - < 3% BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

REACH No.: 01-2119978241-36, EC: 939-603-7

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⚠ A.4.2/1B Skin Sens. 1B H317

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Immediately take off all contaminated clothing.

Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do NOT induce vomiting.

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:

In case of fire, use a CO2 fire extinguisher to extinguish.

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 persons to safety.

See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

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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, ensure that there aren't any incompatible material residuals in the containers.
- See also section 8 for recommended protective equipment.
- Advice on general occupational hygiene:
- Contaminated clothing should be changed before entering eating areas.
- Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

- Always keep in a well ventilated place.
- Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
- Keep away from food, drink and feed.
- Incompatible materials:
- None in particular.
- Instructions as regards storage premises:
- Cool and adequately ventilated.
- Storage temperature:
- Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
 - OEL Type: National - TWA: 1000 mg/m³ - STEL: 1500 mg/m³ - Behaviour: Indicative - Notes: France
 - OEL Type: National - TWA: 1200 mg/m³, 184 ppm - Notes: ExxonMobil
 - OEL Type: EU - TWA: 1050 mg/m³ - Notes: EU HSPA
 - OEL Type: National - TWA: 25 ppm - Notes: Denmark
 - OEL Type: National - TWA: 300 mg/m³, 50 ppm - Notes: Germany
 - OEL Type: National - TWA: 300 mg/m³ - STEL: 900 mg/m³ - Notes: Poland
 - OEL Type: National - TWA: 150 mg/m³, 25 ppm - STEL: 300 mg/m³, 50 ppm - Notes: Sweden
 - OEL Type: National - TWA: 300 mg/m³, 50 ppm - STEL: 600 mg/m³, 100 ppm - Notes: Switzerland
 - OEL Type: National - TWA: 300 mg/m³ - STEL: 900 mg/m³ - Notes: Poland (NDS, NDSch)
- HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE
 - OEL Type: National - TWA: 100 mg/m³, 17 ppm - Notes: ExxonMobil

DNEL Exposure Limit Values

- HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE
 - Worker Industry: 12.5 mg/kg b.w./day - Consumer: 7.5 mg/kg b.w./day - Exposure: Human
 - Dermal - Frequency: Long Term, systemic effects
 - Worker Industry: 151 mg/m³ - Consumer: 32 mg/m³ - Exposure: Human Inhalation -

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Frequency: Long Term, systemic effects

Consumer: 7.5 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 2.31 mg/m³ - Consumer: 0.69 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 25.6 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 160.23 mg/m³ - Consumer: 143.5 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 384 mg/m³ - Consumer: 226 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

N.A.

Appropriate engineering controls:

None

Individual protection measures

Eye protection:

Safety goggles (EN 166)

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable gloves type: NF EN374

NBR (nitrile rubber).

PVA (Polyvinyl alcohol).

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Brown	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	Not Relevant	--	--
Melting point / freezing point:	Not Relevant	--	--

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Initial boiling point and boiling range:	180 °C	--	--
Flash Point (°F):	143.61°F	--	--
Flash point (°C):	62°C	EN ISO 13736	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	liquid product
Upper/lower flammability or explosive limits:	0.6-14%	--	--
Vapour pressure:	30-93 pa (0°C)	--	--
Vapour density:	N.A.	--	--
Relative density:	0.83	ISO 649, ASTM D1298	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	>200°C	--	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Decomposition temperature:	>250°C	--	--
Viscosity:	25 SEC	ISO 2431, NF EN 535	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

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Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

Volatile Organic compounds - VOCs = 606 g/l

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:

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Acute toxicity

Not classified

Based on available data, the classification criteria are not met

Skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

Serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

Respiratory or skin sensitisation

The product is classified: Skin Sens. 1B H317

Germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity

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Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

Aspiration hazard

The product is classified: Asp. Tox. 1 H304

Toxicological information of the main substances found in the product:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD Test Guideline 401

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Source: OECD Test Guideline 402

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 5000 mg/m3 - Duration: 4h

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD 401

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg - Source: OECD 402

Test: LC50 - Route: Inhalation - Species: Rat > 2 mg/l

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 4688 mg/m3 - Duration: 4h -

Source: OECD 403

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

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.

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The product is classified: Aquatic Acute 3 - H402; Aquatic Chronic 3 - H412

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

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a) Aquatic acute toxicity:

Endpoint: NOEC - Species: Pseudokirchneriella subcapitata (green algae) > 1000 mg/l -

Duration h: 72 - Notes: OECD Test Guideline 201

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: OECD Test Guideline 202

Endpoint: LC50 - Species: Rainbow Trout (Oncorhynchus mykiss) > 1000 mg/l - Duration h: 96 - Notes: OECD Test Guideline 203

b) Aquatic chronic toxicity:

Endpoint: NOAEL - Species: Daphnia = 0.18 mg/l - Duration h: 504 - Notes: Daphnia magna

Endpoint: NOAEL - Species: Fish = 0.10 mg/l - Duration h: 672 - Notes: Oncorhynchus mykiss

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

a) Aquatic acute toxicity:

Endpoint: EL50

- Species: Crustacea >= 3 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EL50

- Species: Crustacea <= 10 mg/kg/d - Duration h: 48 - Notes: Daphnia magna

Endpoint: LL50

- Species: Fish >= 2 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: LL50

- Species: Fish < 5 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: NOELR - Species: Algae = 2.5 mg/l - Duration h: 72 - Notes: Pseudokirchnerella subcapitata

Endpoint: EL50

- Species: Algae = 11 mg/l - Duration h: 72 - Notes: Pseudokirchnerella subcapitata

Endpoint: EC50 - Species: activated sludge >= 1 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella

subcapitata

Endpoint: EC50 - Species: activated sludge <= 3 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella

subcapitata

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Rainbow trout /Truite arc-en-ciel

Endpoint: NOEC - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Rainbow trout /Truite arc-en-ciel

Endpoint: LC0 - Species: Fish > 10000 mg/kg/d - Duration h: 96 - Notes: Cyprinodon variegatus

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae > 100.1 mg/l - Duration h: 72 - Notes: Selenestrum capricornutum

Endpoint: EC50 - Species: Microorganisms = 10000 mg/l - Notes: Sludge / boues (0.1 day / 0,1 jour)

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Persistence and degradability

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Biodegradability: Biodegradability rate - Test: OECD 301F - Duration: 28 days - %: 80

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

Biodegradability: Readily biodegradable - Duration: 28 days - %: 49.6%

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Biodegradability: Non-readily biodegradable - Test: OECD TG 301 D - Duration: 28 days - %: 8 %

Bioaccumulative potential

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Potentially bioaccumulative.

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

Log Kow 2.8 - 6.5

BCF 99 - 5780

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Log Kow 26.22

Mobility in soil

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Floats on the water. Adsorption in soil, low mobility.

Other adverse effects

Deutsche Verordnung zur Klassifizierung der Wasserfährdung (WGK) : WGK2

13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN number

Not classified as dangerous in the meaning of ADR, IATA and IMDG transport regulations.

UN proper shipping name

N.A.

Transport hazard class(es)

N.A.

Packing group

N.A.

Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

N.A.

Special precautions

N.A.

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15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory: all the components are listed on the TSCA inventory or are not required to be listed on the TSCA.

TSCA sections for substances listed in section 3:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics is listed in TSCA Section 8b

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE is listed in TSCA Section 8b

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS is listed in TSCA Section 8b.

SARA - Superfund Amendments and Reauthorization Act

Section 302 Extremely Hazardous Substances: no substances listed.

Section 304 Hazardous substances: no substances listed.

Section 313 Toxic chemical list: no substances listed.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

No substances listed.

CAA - Clean Air Act

CAA listed substances:

None.

CWA - Clean Water Act

CWA listed substances:

None.

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:

No substances listed.

New Jersey Right to know

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

No substances listed.

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:

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE (CAS: 64742-94-5)

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

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16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

According to TSCA section 3(2)(B)(i) : a hydrated form of a chemical substance is considered a mixture of the corresponding anhydrous form and water.

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.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

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

NIOSH: National Institute for Occupational Safety and Health

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

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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

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