Safety Data Sheet
WADIS 24/60 AEROSOL

Safety Data Sheet date: 6/10/2020, version 1

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: WADIS 24/60 AEROSOL

Other means of identification:

SDS code: P10118

Recommended use of the chemical and restrictions on use

Recommended use:

Lubricant

Industrial uses

Restrictions on use:

No uses advised against are identified.

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

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

Distributors:

Dysol Inc. - 791 Westport Parkway - Fort Worth, TX 76177 / Phone: 1-817-335-1826 / csr-na@socomore.com/ Fax Number: 817-335-2405

Magnus Chemical Limited, 1271, rue Ampère, suite 101, Boucherville, QC, J4B 5Z5 Canada - Tel: 1-450 641 8500 - Fax: 1-450 655 1717

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); CANUTEC: 1-613-996-6666 (CANADA)

Socomore Canada Limited - +1-604-420-7707 (Monday-Friday; 7:30 am - 5:00 pm)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

Warning, Flam. Aerosol 2, Flammable aerosol.

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

Aquatic Acute 3, Harmful to aquatic life.

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

Label elements

Hazard pictograms:

Warning

Hazard statements:

H223 Flammable aerosol.
H317 May cause an allergic skin reaction.
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.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves and eye/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
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

>= 3% - < 5% Dinitrogen oxide

REACH No.: 01-2119970538-25, CAS: 10024-97-2, EC: 233-032-0

B.4/1 Ox. Gas. 1 H270

B.5/C Compr. Gas H280

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

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

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. 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:

CO2 or Dry chemical fire extinguisher.

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.

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.

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.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contamined clothing should be changed before entering eating areas.

Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

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 - Notes: France
- OEL Type: National - TWA: 1200 mg/m3, 184 ppm - Notes: ExxonMobil
- OEL Type: EU - TWA: 1200 mg/m3 - Notes: EU HSPA

HYDROCARBONS, C10, AROMATICS,<1% NAPHTHALENE

- OEL Type: National - TWA: 100 mg/m3, 17 ppm - Notes: ExxonMobil

Dinitrogen oxide - CAS: 10024-97-2

- OEL Type: ACGIH - TWA(8h): 50 ppm - Notes: A4 - CNS impair, hematologic eff, embryo/fetal dam

DNEL Exposure Limit Values

HYDROCARBONS, C10, AROMATICS,<1% NAPHTHALENE

Worker Industry: 12.5 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 150 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term,

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

Chemical protection clothing. (type 4 - EN14605)

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
Appearance and colour:	BROWN LIQUID / AEROSOL	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	<= 35°C	--	--
Flash Point (°F):	N.A.	--	--

Flash point (°C):	N.A.	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	liquid
Upper/lower flammability or explosive limits:	0.6-14%	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	< 1	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	>207°C	--	--
Decomposition temperature:	>250°C	--	--
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.	--	--
Substance Groups relevant properties	N.A.	--	--

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

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-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

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

Test: LC50 - Route: Inhalation - Species: Rat > 4688 mg/m3

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.

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

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 (Oncorhyncus 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: 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

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

a) Aquatic acute toxicity:

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

Endpoint: NOEC - Species: Fish > 100 mg/l - Duration h: 96 - Notes: 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: Cladocère

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: Selenestrum capricomutum

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

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

Biodegradability: Oxygen depletion - %: 8

Bioaccumulative potential

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Potentially bioaccumulative.

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

No harmful effects expected.

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

ADR-UN Number: 1950
DOT number: UN1950
IATA-UN Number: 1950
IMDG-UN Number: 1950

UN proper shipping name

ADR-Shipping Name: AEROSOLS FLAMMABLE
DOT-Shipping Name: Aerosols, flammable, (each not exceeding 1 L capacity)
IATA-Shipping Name: AEROSOLS FLAMMABLE
IMDG-Shipping Name: AEROSOLS FLAMMABLE

Transport hazard class(es)

ADR-Class: 2
DOT Hazard Class: 2.1
ADR - Hazard identification number: -
IATA-Class: 2.1
IMDG-Class: 2.1
IMDG-Class: 2

Packing group

ADR-packing Group: -
DOT Packing group: -
IATA-Packing group: -
IMDG-Packing group: -

Environmental hazards

ADR-Enviromental 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

DOT Special provisions: N82
DOT Labels: 2.1
ADR-Subsidiary hazards: See SP63
ADR-S.P.: 190 327 344 625
ADR-Transport category

(Tunnel restriction code):	(D)
IATA-Passenger Aircraft:	203
IATA-Subsidiary hazards:	See SP63
IATA-Cargo Aircraft:	203
IATA-S.P.:	A145 A167 A802
IATA-ERG:	10L
IMDG-EmS:	F-D , S-U
IMDG-Subsidiary hazards:	See SP63
IMDG-Stowage and handling:	-
IMDG-Segregation:	Protected from sources of heat. For AEROSOLS with a maximum capacity of 1 litre: Category A. Segregation as for class 9 but "separated from" class 1 except division 1.4. For AEROSOLS with a capacity above 1 litre: Category B. Segregation as for the appropriate sub-division of class 2. For WASTE AEROSOLS: Category C. Clear of living quarters. Segregation as for the appropriate sub-division of class 2.

Q.L.: 1L
Q.E.: E0

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
Dinitrogen oxide 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:
Dinitrogen oxide is listed in CAA Section 112(b) - HAP.

CWA - Clean Water Act

CWA listed substances:
None.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

Dinitrogen oxide - Listed as reproductive toxicant.

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:

Dinitrogen oxide.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

Dinitrogen oxide.

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:

H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H270 May cause or intensify fire; oxidiser.
H280 Contains gas under pressure; may explode if heated.
H317 May cause an allergic skin reaction.

Safety Data Sheet date: 6/10/2020, version 1

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
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