socomore (*)

Safety Data Sheet Diestone DLS

Safety Data Sheet date: 8/20/2024, version 2

1. Identification

GHS Product identifier

Mixture identification:

Trade name: Diestone DLS

Other means of identification

SDS code: P28280

Recommended use and restrictions on use

Recommended use:

Solvent

Cleaner

Industrial uses

Restrictions on use:

Supplier's details

Manufacturers:

Socomore SASU - Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France -Tel. +33 (0)2 97 43 76 90

Manufacturing - Parc Gohelis - 56250 ELVEN 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:

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Socomore Canada Limited - Unit 113 - 418 East Kent Ave S., Vancouver, BC V5X 2X7, Canada / Email: csr-ca@socomore.com / Phone: +1 604 420 7707 / Fax: +1 604 420 7701

Competent person responsible for the safety data sheet:

msdsinformation-eu@socomore.com

Emergency phone number:

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

France: ORFILA (INRS) +33 (0)1 45 42 59 59

2. Hazard identification

Classification of the hazardous product

- Warning, Flam. Liq. 3, Flammable liquid and vapour.
- Danger, Repr. 1B, May damage fertility or the unborn child.
- Warning, STOT SE 3, May cause drowsiness or dizziness.

GHS label elements, including precautionary statements Hazard pictograms:

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Danger

Hazard statements:

H226 Flammable liquid and vapour.

H360 May damage fertility or the unborn child.

H336 May cause drowsiness or dizziness.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P312 Call a POISON CENTER/ doctor/if you feel unwell.

P370+P378 In case of fire: Use ... 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

None

Ingredient(s) with unknown acute toxicity

None.

3. Composition/Information on ingredients

Substances

N.A.

Mixtures

Hazardous components within the meaning of WHMIS 2015 and related classification:

>= 60% - < 80% 1-methoxy-2-propanol; monopropylene glycol methyl ether

REACH No.: 01-2119457435-35, Index number: 603-064-00-3, CAS: 107-98-2, EC: 203-539-1

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- ♠ B.6/3 Flam. Liq. 3 H226
- A.8/3 STOT SE 3 H336

>= 10% - < 30% 2-methoxy-1-methylethyl acetate

REACH No.: 01-2119475791-29, Index number: 607-195-00-7, CAS: 108-65-6, EC: 203-603-9

- B.6/3 Flam. Lig. 3 H226
- ♠ A.7/1B Repr. 1B H360

>=5% - < 10% HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

REACH No.: 01-2119463258-33, EC: 919-857-5

- ♠ B.6/3 Flam. Liq. 3 H226
- ♣ A.10/1 Asp. Tox. 1 H304
- ♠ A.8/3 STOT SE 3 H336

The actual concentration of the components listed above is withheld as a trade secret.

4. First-aid measures

Description of necessary first-aid 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, 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 and unsuitable extinguishing media

Suitable extinguishing media:

In case of fire: Use ... to extinguish.

Unsuitable extinguishing media

None in particular.

Specific hazards arising from the hazardous product

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

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Hazardous combustion products:

None

Explosive properties: yes
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 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.

Exercise the greatest care when handling or opening the container.

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:

Contamined clothing should be changed before entering eating areas.

Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

Avoid vapor emissions.

Always keep in a well ventilated place.

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:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

Storage temperature:

Store at ambient temperature.



8. Exposure controls/personal protection

Control parameters

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

- OEL Type: National TWA(8h): 188 mg/m3, 50 ppm STEL: 375 mg/m3, 100 ppm Behaviour: Binding Notes: France VLEC INRS TMP N°84
- OEL Type: National TWA: 370 mg/m3, 100 ppm Notes: Germany
- OEL Type: National TWA: 180 mg/m3 STEL: 360 mg/m3 Notes: Poland
- OEL Type: EU TWA(8h): 375 mg/m3, 100 ppm STEL: 563 mg/m3, 150 ppm Notes: Skin
- OEL Type: ACGIH TWA(8h): 50 ppm STEL: 100 ppm Notes: A4 Eye and URT irr
- OEL Type: National TWA: 187 mg/m3, 50 ppm STEL(15min (Miw)): 187 mg/m3, 50 ppm Notes: Austria
- OEL Type: National TWA(8h): 375 mg/m3, 100 ppm STEL(15min (Miw)): 560 mg/m3, 150 ppm Notes: United Kingdom Skin
- OEL Type: National TWA(8h): 188 mg/m3, 50 ppm STEL: 375 mg/m3, 100 ppm Notes: Canada (Gazette Officielle du Québec, January 4, 2023, Vol. 155, No.1)
- OEL Type: National TWA: 180 mg/m3, 50 ppm Notes: Norway (skin)
- OEL Type: DOW IHG TWA: 1.5 ppm STEL: 4.5 ppm

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

- OEL Type: ACGIH TWA(8h): 150 ppm STEL: 100 ppm
- OEL Type: National TWA(8h): 275 mg/m3, 50 ppm STEL: 550 mg/m3, 100 ppm Behaviour: Binding Notes: France VLEPC
- OEL Type: National TWA(8h): 270 mg/m3, 50 ppm Notes: GERMANY
- OEL Type: National TWA(8h): 274 mg/m3, 50 ppm STEL: 548 mg/m3, 100 ppm Notes: UK (WELs)
- OEL Type: National TWA: 260 mg/m3 STEL: 520 mg/m3 Notes: POLAND
- OEL Type: EU TWA(8h): 275 mg/m3, 50 ppm STEL: 550 mg/m3, 100 ppm Notes: Skin
- OEL Type: AIHA
- TWA: 50 ppm
 - OEL Type: National TWA: 275 mg/m3, 50 ppm STEL(5 min (Mow)): 550 mg/m3, 100 ppm Notes: Österreich
 - OEL Type: National TWA: 270 mg/m3, 50 ppm Notes: Norway (Skin)

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

- OEL Type: National TWA: 1200 mg/m3, 197 ppm Notes: ExxonMobil
- OEL Type: National TWA: 300 mg/m3 STEL: 900 mg/m3 Notes: Poland (NDS, DNSCh)
- OEL Type: National TWA: 300 mg/m3, 50 ppm STEL: 600 mg/m3, 100 ppm Notes: Germany
- OEL Type: National TWA: 300 mg/m3, 50 ppm STEL: 600 mg/m3, 100 ppm Notes: Switzerland

DNEL Exposure Limit Values

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Worker Industry: 369 mg/m3 - Consumer: 43.9 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects



Worker Industry: 50.6 mg/kg b.w./day - Consumer: 18.1 mg/kg b.w./day - Exposure:

Human Dermal - Frequency: Long Term, systemic effects

Consumer: 3.3 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic

effects

Worker Industry: 553.5 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term (acute)

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Worker Industry: 796 mg/kg b.w./day - Consumer: 320 mg/kg b.w./day - Exposure: Human

Dermal - Frequency: Long Term, systemic effects

Worker Industry: 275 mg/m3 - Consumer: 33 mg/m3 - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 36 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic

effects

Worker Industry: 550 mg/m3 - Consumer: 33 mg/m3 - Exposure: Human Inhalation -

Frequency: Long Term, local effects

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Worker Industry: 208 mg/kg b.w./day - Consumer: 125 mg/kg b.w./day - Exposure: Human

Dermal - Frequency: Long Term, systemic effects

Worker Industry: 871 mg/m3 - Consumer: 185 mg/kg b.w./day - Exposure: Human

Inhalation - Frequency: Long Term, systemic effects

Consumer: 125 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term,

systemic effects

PNEC Exposure Limit Values

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Target: Fresh Water - Value: 10 mg/l

Target: Freshwater sediments - Value: 41.6 mg/kg

Target: Marine water sediments - Value: 4.17 mg/kg

Target: Soil (agricultural) - Value: 2.47 mg/kg

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Marine water - Value: 1 mg/l

Target: Water (intermittent discharge) - Value: 100 mg/l

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Target: Fresh Water - Value: 0.635 mg/l

Target: Marine water - Value: 0.0635 mg/l

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Freshwater sediments - Value: 3.29 mg/kg dw

Target: Marine water sediments - Value: 0.329 mg/kg dw

Target: Soil - Value: 0.29 mg/kg

Target: PNEC intermittent - Value: 6.35 mg/l

Appropriate engineering controls

None

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

Eye protection:

Safety goggles (EN 166)

Protection for skin:

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Chemical protection clothing.

Protection for hands:

PVA (Polyvinyl alcohol).

Butyl rubber (isobutylene-isoprene copolymer)

Butyl rubber (isobutylene-isoprene copolymer)

Respiratory protection:

Use adequate protective respiratory equipment.

Mask with filter "A1", brown colour (NF EN14387)

Thermal Hazards:

None

9. Physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid		
Colour:	Colourless		
Odour:	N.A.		
Odour threshold:	N.A.		
pH:	Not Relevant		
Melting point / freezing point:	Not Relevant		
Initial boiling point and boiling range:	117 °C	NF T67-101	
Flash Point (°F):	86 °F		
Flash point (°C):	30 °C	NF EN ISO 13736	
Evaporation rate:	0.6	NFT 30-301	
Solid/gas flammability:	N.A.		liquid
Upper/lower flammability or explosive limits:	0.6% - 13.1% (V)		
Vapour pressure:	5.9 KPa (20 °C)		



	1	1	
Vapour density:	3.4		
Relative density:	0.9	ISO 649, ASTM D1298	
Solubility in water:	N.A.		
Solubility in oil:	N.A.		
Partition coefficient (n-octanol/water):	N.A.		
Decomposition temperature:	Not Relevant		
Viscosity:	N.A.	-	
Explosive properties:	yes		May form explosive mixtures with air. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics)
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.		

Appearance and colour: Reason: N.A.

10. Stability and reactivity

Reactivity

It may generate dangerous reactions (See subsections below)

Chemical stability

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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:

Diestone DLS

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

Not classified

Based on available data, the classification criteria are not met

Germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity

Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity

The product is classified: Repr. 1B H360

STOT-single exposure

The product is classified: STOT SE 3 H336

STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

Aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Acute toxicity:



Test: LD50 - Route: Oral - Species: Rat (male) = 3739 mg/kg - Source: OECD 401 Test: LD50 - Route: Oral - Species: Rat (female) = 4277 mg/kg - Source: OECD 401

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

Test: LC50 - Route: Inhalation - Species: Rat > 5 mg/l - Duration: 4h

Test: LC50 - Route: Inhalation Vapour - Species: Rat (Male, female) = 30.02 mg/l -

Duration: 4h - Source: OECD 403 Test: ATE - Route: Oral = 3739 mg/kg

Test: ATE - Route: Inhalation Vapour = 30.02 mg/l - Duration: 4h

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD 401 Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Source: OECD 402

Test: LC50 - Route: Inhalation - Species: Rat > 10.8 mg/l

Test: LC50 - Route: Skin - Species: Rabbit > 5000 mg/kg - Source: OECD 402

Test: LC0 - Route: Inhalation Vapour - Species: Rabbit = 23.5 mg/l - Source: OECD 403

Test: ATE - Route: Oral > 5000 mg/kg

Test: ATE - Route: Inhalation Vapour > 23.5 mg/l - Duration: 6 hours

Test: ATE - Route: Skin > 5000 mg/kg

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Duration: 4h - Source: OECD 401 Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg - Duration: 24 hours - Source: OECD 402

Test: LC50 - Route: Inhalation - Species: Rat > 4951 mg/m3 - Duration: 4h - Source: OECD 403

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.

Diestone DLS

Not classified for environmental hazards

Based on available data, the classification criteria are not met

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Leuciscus idus, LC/EC/IC50

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Endpoint: LC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: LC/EC/IC50

Endpoint: LC50 - Species: Algae > 1000 mg/l - Notes: LC/EC/IC50

Endpoint: LC50 - Species: Fish < 4600 mg/l - Duration h: 96 - Notes: Leuciscus idus

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Aquatic plants > 1000 mg/l - Duration h: 72 - Notes:

Selenastrum capricornutum, OECD 201

Endpoint: LC50 - Species: Fish = 134 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss, OECD 203

Endpoint: EC50 - Species: Invertebrates > 500 mg/l - Duration h: 48 - Notes: Daphnia magna

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 47.5 mg/l - Duration h: 336 - Notes: Oryzias latipes, OECD 204

Endpoint: NOEC - Species: Invertebrates > 100 mg/l - Duration h: 504 - Notes: Daphnia magna, OECD 202

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 72 - Notes: Pseudokirchnerella subcapitata

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

Endpoint: DSEO-R (NOELR) - Species: Algae = 3 mg/l - Duration h: 72 - Notes:

Pseudokirchnerella subcapitata - biomass - OECD 201)

Endpoint: DSEO-R (NOELR) - Species: Algae = 100 mg/l - Duration h: 72 - Notes:

Pseudokirchnerella subcapitata - growth rate - EOCD 201)

b) Aquatic chronic toxicity:

Endpoint: DSEO-R (NOELR) - Species: Daphnia = 0.23 mg/l - Duration h: 504 - Notes:

Daphnia magna - QSAR Petrotox

Endpoint: DSEO-R (NOELR) - Species: Fish = 0.13 mg/l - Duration h: 672 - Notes:

Oncorhynchus mykiss - QSAR Petrotox

Persistence and degradability

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Biodegradability: Readily biodegradable

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Biodegradability: Biological oxygen demand (BOD) - Test: OECD 301F - Duration: 28 days

- %: 83% - Notes: ISO 9408; 92/69/CEE, C.4-D

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Biodegradability: Biodegradability rate - Duration: 28 days - %: 80%

Biodegradability: Photodegradation (in air)

Bioaccumulative potential

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Log Pow 0.37

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

BCF < 100



Log Pow < 3

Mobility in soil

N.A.

Other adverse effects

Wassergefahrdungsklasse (Deutschland): 2

13. Disposal considerations

Safe handling and methods for disposal

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: 1993

DOT number: UN1993

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

UN proper shipping name

TDG-Shipping Name: FLAMMABLE LIQUID, N.O.S. (1-methoxy-2-propanol;

monopropylene glycol methyl ether, 2-methoxy-1-methylethyl

acetate)

ADR-Shipping Name: FLAMMABLE LIQUID, N.O.S. (1-methoxy-2-propanol;

monopropylene glycol methyl ether, 2-methoxy-1-methylethyl

acetate)

DOT-Shipping Name: Flammable liquids, n.o.s.(1-methoxy-2-propanol; monopropylene glycol methyl ether, 2-methoxy-1-methylethyl acetate)(1-methoxy-2-propanol; monopropylene glycol methyl ether, 2-methoxy-1-methylethyl acetate)(1-methoxy-2-propanol; monopropylene glycol methyl ether, 2-methoxy-1-methylethyl acetate)(1-methoxy-2-propanol; monopropylene glycol methyl ether, 2-methoxy-1-methylethyl acetate)

IATA-Shipping Name: FLAMMABLE LIQUID, N.O.S. (1-methoxy-2-propanol;

monopropylene glycol methyl ether, 2-methoxy-1-methylethyl

acetate)

FLAMMABLE LIQUID, N.O.S. (1-methoxy-2-propanol; IMDG-Shipping Name:

monopropylene glycol methyl ether, 2-methoxy-1-methylethyl

acetate)

Transport hazard class(es)

ADR-Class: 3

DOT Hazard Class: 3

ADR - Hazard identification number: 30

IATA-Class: 3

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IATA-Label: 3

IMDG-Class: 3

Packing group

ADR-Packing Group: III

DOT Packing group: III

IATA-Packing group: III IMDG-Packing group: III

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 in connection with transport or conveyance

DOT Special provisions: B1, B52, IB3, T4, TP1, TP29

DOT Labels: 3

ADR-Subsidiary hazards:

ADR-S.P.: 274 601 640E

ADR-Transport category (Tunnel restriction code): 3 (D/E)

IATA-Passenger Aircraft: 355
IATA-Subsidiary hazards: IATA-Cargo Aircraft: 366
IATA-S.P.: A3
IATA-ERG: 3L

IMDG-EmS: F-E , S-E

IMDG-Subsidiary hazards:

IMDG-Stowage and handling: Category A

IMDG-Segregation: -

15. Regulatory information

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

This Safety Data Sheet has been prepared according to the Hazardous Products Regulations (HPR) - WHMIS 2015.

NPRI - National Pollutant Release Inventory

Substance(s) listed under NPRI:

None.

DSL inventory - Domestic substances list

All the components are listed in the DSL.

NDSL inventory - Not Domestic substances list

List of Components included in the NDSL (Not Domestic substances list)

no substances listed

DSL/NDSL Inventories (Canada):

TSCA inventory

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All the components are listed on the TSCA inventory.

TSCA sections for substances listed in section 3:

1-methoxy-2-propanol; monopropylene glycol methyl ether is listed in TSCA Section 8d HSDR, Section 8b

2-methoxy-1-methylethyl acetate is listed in TSCA Section 8d HSDR, Section 8b, Section 8a - PAIR

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS is listed in TSCA Section 8b.

USA - Federal regulations

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:

1-methoxy-2-propanol; monopropylene glycol methyl ether is listed in CAA Section 112(b) - HON.

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:

1-methoxy-2-propanol; monopropylene glycol methyl ether.

New Jersey Right to know

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

1-methoxy-2-propanol; monopropylene glycol methyl ether.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

1-methoxy-2-propanol; monopropylene glycol methyl ether.

16. Other information

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H360 May damage fertility or the unborn child.

H304 May be fatal if swallowed and enters airways.



Safety Data Sheet date: 8/20/2024, version 2 Sections modified from the previous revision:

15. Regulatory information

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.

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TWA: Time-weighted average