

DECO WATERPROOFING

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022 Revision: 1.0 Supersedes date: 3/16/2022

1. Identification

Product identifier

Product name DECO WATERPROOFING

Recommended use of the chemical and restrictions on use

Application Protective wax for coverings. Industrial use. Professional use.

Uses advised againstNo specific uses advised against are identified. Use only for intended applications.

Details of the supplier of the safety data sheet

Supplier DEKA BOYA SANAYİ VE TİCARET A.Ş.

S.S.İstanbul Mermerciler Küçük San.Sitesi Yapı Koop. 34.Cd.No:3 41490 Dilovası - Kocaeli / TURKEY Tel: +90(262) 728 10 88 (Pbx) F:+90(262) 728 10 71

E-mail: info@sandeco.com.tr www.sandeco.com.tr

Contact Person Kenan HAYAL - kenan.hayal@sandeco.com.tr

Emergency telephone number

Emergency telephone Call the supplier's phone number.

Company Emergency: +90 (262) 728 10 88

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Flam. Liq. 3 - H226

Health hazards STOT SE 3 - H336 Asp. Tox. 1 - H304

Environmental hazards Not Classified

Label elements

Hazard symbols







Signal word

Danger

Hazard statements

H226 Flammable liquid and vapor.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P271 Use only outdoors or in a well-ventilated area.

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

P312 Call a poison center/ doctor if you feel unwell.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Contains

1-methoxy-2-propanol, Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Note P)

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Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

1-methoxy-2-propanol 40-50%

CAS number: 107-98-2

Classification

Flam. Liq. 3 - H226 STOT SE 3 - H336

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2%

40-50%

aromatics (Note P)

CAS number: 64742-48-9

Classification

Flam. Liq. 3 - H226 STOT SE 3 - H336 Asp. Tox. 1 - H304

N-butyl acetate <1%

CAS number: 123-86-4

Classification

Flam. Liq. 3 - H226 STOT SE 3 - H336

The full text for all hazard statements is displayed in Section 16.

Composition comments See section 8 for workplace exposure limits.

Ingredient notes NOT P: The classification as a carcinogen or mutagen need not apply if it can be shown that the

substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7).

4. First-aid measures

Description of first aid measures

General information Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. Get medical attention

immediately.

Ingestion Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not

induce vomiting. Stop if the affected person feels sick as vomiting may be dangerous. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

Skin Contact Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at

least 10 minutes. Get medical attention if symptoms are severe or persist after washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water.

Continue to rinse for at least 15 minutes and get medical attention. Do not rub eye.



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Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue. It may be dangerous

for first aid personnel to carry out mouth-to-mouth resuscitation.

Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the length of

exposure.

Inhalation Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation,

vertigo. Unconsciousness, possibly death.

Ingestion Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical

pneumonitis.

Skin contact Repeated exposure may cause skin dryness or cracking.

Eye contact No specific symptoms known. May be slightly irritating to eyes.

Indication of immediate medical attention and special treatment needed

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water

fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazardsContainers can burst violently or explode when heated, due to excessive pressure build-up. Vapors may

be ignited by a spark, a hot surface or an ember. Fire-water run-off in sewers may create fire or explosion

hazard.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Very toxic gases

or vapors

Advice for firefighters

Protective actions during

firefighting

Evacuate area. Avoid breathing fire gases or vapors. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by

containing and keeping it out of sewers and watercourses.

Special protective equipment for

firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of

protection for chemical incidents.



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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken

> without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated. Avoid inhalation of vapors and spray/mists.

Use suitable respiratory protection if ventilation is inadequate.

Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately

and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water.

Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

Reference to other sections For personal protection, see Section 8.

> See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards.

7. Handling and storage

Precautions for safe handling Usage precautions

Wear protective clothing as described in Section 8 of this safety data sheet. Do not handle broken packages without protective equipment. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Avoid the formation of mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Static electricity and formation of sparks must be prevented. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire.

Advice on general occupationaln hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage precautions Store away from incompatible materials (see Section 10). Store locked up. Keep away

from oxidizina

materials, heat and flames. Keep only in the original container. Keep container tightly closed, in a cool,

well ventilated place. Protect containers from damage.

Storage class

Flammable liquid storage. Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.



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8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

1-methoxy-2-propanol

Long-term exposure limit (8-hour TWA): ACGIH 50 ppm 184 mg/m³ Short-term exposure limit (15-minute): ACGIH 100 ppm 369 mg/m³ A4

N-butyl acetate

Long-term exposure limit (8-hour TWA): ACGIH 50 ppm 238 mg/m³ Short-term exposure limit (15-minute): ACGIH 150 ppm 712 mg/m³ Long-term exposure limit (8-hour TWA): OSHA 150 ppm 710 mg/m³ ACGIH = American Conference of Governmental Industrial Hygienists. A4 = Not Classifiable as a Human Carcinogen. OSHA = Occupational Safety and Health Administration.

N-butyl acetate (CAS: 123-86-4)

Immediate danger to life andhealth 1700 ppm

Exposure controls

Protective equipment









Appropriate engineering controls

Provide adequate ventilation. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Eye wash facilities and emergency shower must be available when handling this product. Provide shower facilities near the workplace.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.

Hand protection

Wear thermal insulating gloves. Frequent changes are recommended. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. For the greatest protection, clothing should include anti-static overalls, boots and gloves.

Hygiene measures

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Check that the respirator fits tightly and the filter is changed regularly. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Change filter cartridge on respirator daily. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved.

Environmental exposure controls Keep container tightly sealed when not in use. Avoid release to the environment.



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9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance Liquid.

Color Colorless.

Odor Characteristic.

Odor threshold No information available.

pH No information available.

Melting point No information available.

Initial boiling point and range No information available. Flash

point 60°C

Evaporation rate No information available.

Flammability (solid, gas) No information available.

Upper/lower flammability or

explosive limits

No information available.

Vapor pressureNo information available.

Vapor density No information available.

Relative density 0.852 g/ml

Solubility(ies) No information available.

Partition coefficient >1000

Auto-ignition temperature No information available.

Decomposition Temperature No information available.

Viscosity <10 cP

Explosive properties No information available.

Oxidizing properties No information available.

Volatile organic compound VOC (Directive 2010/75/EC) :50.50% - 430.26 g/l

VOC (volatile carbon) : 26.98% - 229.91 g/l



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10. Stability and reactivity

Reactivity There are no known reactivity hazards associated with this product.

1-methoxy-2-propanol: Dissolves various plastic materials. Absorbs and disolves in water and in organic

solvents. With air it may slowly form explosive peroxides. n-butyl acetate: Decomposes on contact with water.

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed

storage conditions.

Possibility of hazardous reactions In use may form flammable/explosive vapour-air mixture. The following materials may react strongly with

the product: Oxidizing agents.

1-methoxy-2-propanol: May react dangerously with strong oxidising agents, strong acids.

n-butyl acetate: Risk of explosion on contact with strong oxidising agents. May react dangerously with

alkaline hydroxides, potassium tert-butoxide. Forms explosive mixtures with air.

Conditions to avoid Avoid exposure to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition.

Static electricity and formation of sparks must be prevented.

1-methoxy-2-propanol: Avoid exposure to air.

n-butyl acetate: Avoid exposure to moisture, sources of heat, naked flames.

Materials to avoid Oxidizing materials. Keep away from flammable and combustible materials.

 $1-methoxy-2-propanol: Incompatible\ with\ oxidising\ substances, strong\ acids, alkaline\ metals.$

 $n\hbox{-}butyl\ acetate:\ Incompatible\ with\ water, nitrates, strong\ oxidants, acids, alkalis, zinc.$

Hazardous decomposition

products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion

products may include the following substances: Very toxic gases or vapors.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LDso) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LDso) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC50) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritationBased on available data the classification criteria are not met.



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Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitization

Respiratory sensitizationBased on available data the classification criteria are not met.

Skin sensitization

Skin sensitizationBased on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitroBased on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure STOT SE 3 - H336 May cause drowsiness or dizziness.

Target organs Central nervous system

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways. Pneumonia may be the result if vomited

material containing solvents reaches the lungs.

Acute and chronic health hazards 1-methoxy-2-propanol: The main route of entry is the skin, whereas the respiratory route is less important

due to the low vapour pressure of the product. Above 100 ppm causes irritation of the eye, nose and oropharynx mucous membranes. At 1000 ppm, disturbance of equilibrium and severe eye irritation can be noticed. Clinical and biological examinations carried out on exposed volunteers revealed no anomalies.

Acetate produces greater skin and eye irritation with direct contact.

n-butyl acetate: In humans, the substance's vapours cause irritation of the eyes and nose. In the event of repeated exposure, skin irritation, dermatitis (dryness and cracking of the skin) and keratitis appear. A case of acute intoxication been reported involving a 33 year old worker while cleaning a tank with a preparation containing xylenes, butyl acetate and ethylene glycol acetate. The person had irritation of the conjunctiva and upper respiratory tract, drowsiness and motor coordination disorders, which disappeared within 5 hours. The symptoms are attributed to poisoning by mixed xylenes and butyl acetate, with a possible synergistic effect responsible for the neurological effects. Cases of vacuolar keratitis are reported in workers exposed to a mixture of butyl acetate and isobutanol vapours, but with uncertainty concerning

the responsibility of a particular solvent (INRC, 2011).

Toxicological information on ingredients.

1-methoxy-2-propanol

Acute toxicity - oral

Notes (oral LD50) LD50 4016 mg/kg, Oral, Rat



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Acute toxicity - dermal

Notes (dermal LD50) LC50 >2000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC50) LC50 >25.8 mg/l, Inhalation, Rat

Serious eye damage/irritation

Serious eye damage/irritation Dose: , 24 hours, Rabbit

Slightly irritating.

N-butyl acetate

Acute toxicity - oral

Notes (oral LD50) LD50 10.760 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD50) LD50 > 14.112 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC50) LC50 21 mg/l, Inhalation, Rat

12. Ecological information

EcotoxicityNot regarded as dangerous for the environment. However, large or frequent spills may have

hazardouseffects on the environment.

Toxicity Based on available data the classification criteria are not met.

Ecological information on ingredients.

1-methoxy-2-propanol

Acute aquatic toxicity

Acute toxicity – fish LC₅₀, 96 hours: ≥1000 mg/l, Salmo salar (Atlantic salmon)

Acute toxicity - aquaticinvertebrates LC₅₀, 48 hours: 25900 mg/l, Daphnia magna (Water flea)

Acute toxicity - aquatic plants Growth inhibition test, 7 days: >1000 mg/l, Algae, Chlorella pyrenoidosa

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Note P)

Acute aquatic toxicity

Acute toxicity – fish LC₅₀, 96 hour: > 1000 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquaticinvertebrates EC50, 48 hour: 1000 mg/l, Daphnia magna (Water flea)

Acute toxicity - aquatic plants ErC50, 72 hour: > 1000 mg/l, Pseudokirchnerella subcapitata

N-butyl acetate

Acute aquatic toxicity

Acute toxicity - fish LC50, 96 hour: 18 mg/l, Pimephales promelas (Fat-head Minnow)

LC₅₀, 96 hour: 62 mg/l, Leuciscus idus (Golden orfe)



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Acute toxicity - aquaticinvertebrates EC₅₀, 24 hour: 72.8 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hour: 674.7 mg/l, Scenedesmus subspicatus

ErC50, 72 hour: 675 mg/l, Desmodesmus subspicatus

Persistence and degradability

known. Ecological information on ingredients.

1-methoxy-2-propanol

BOD/ThBOD 1,140 mg/g

N-butyl acetate

Persistence and degradability The substance is readily biodegradable.

Biodegradation - Degradation 84%: 5 day

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient >1000

Ecological information on ingredients.

1-methoxy-2-propanol

Partition coefficient log Pow: <1 (-0.437) Low potential.

N-butyl acetate

Bio-Accumulative Potential Low potential.

Partition coefficient log Pow: 2,3

Bioconcentration factor (BCF) 15

Mobility in soil

Mobility No data available.

Ecological information on ingredients.

<u>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Note P)</u>

Mobility Readily volatile.

N-butyl acetate

Surface tension 24780 mN/m @ 25°C



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Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

General information The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products

wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Empty containers

or liners may retain some product residues and hence be potentially hazardous.

Disposal methodsDo not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed

waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated

cleaning materials should be collected in designated containers, labeled with their contents.

14. Transport information

General For limited quantity packaging/limited load information, consult the relevant modal documentation using

the data shown in this section.

UN Number

UN No. (TDG) 1993

UN No. (IMDG) 1993

UN No. (ICAO) 1993

UN No. (DOT) 1993

UN proper shipping name

Proper shipping name (TDG) FLAMMABLE LIQUID, N.O.S. (CONTAİNS 1-methoxy-2-propanol, Hydrocarbons, C9-C11, n-alkanes,

isoalkanes, cyclics, < 2% aromatics (Note P))

Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S. (CONTAİNS 1-methoxy-2-propanol, Hydrocarbons, C9-C11, n-alkanes,

isoalkanes, cyclics, < 2% aromatics (Note P))

Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S. (CONTAİNS 1-methoxy-2-propanol, Hydrocarbons, C9-C11, n-alkanes,

isoalkanes, cyclics, < 2% aromatics (Note P))

Proper shipping name (DOT) FLAMMABLE LIQUID, N.O.S. (CONTAİNS 1-methoxy-2-propanol, Hydrocarbons, C9-C11, n-alkanes,

isoalkanes, cyclics, < 2% aromatics (Note P))



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Transport hazard class(es)

TDG class 3
TDG label(s) 3
IMDG Class 3
ICAO class/division 3

DOT transport labels



Transport labels



Transport additional labels



Packing group

TDG Packing Group

IMDG packing group III
ICAO packing group III
DOT packing group III

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

EmS F-E, S-E

Transport in bulk according to Annex II of MARPOL 73/78 and

Not applicable.

the IBC Code

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.



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CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

The following ingredients are listed or exempt:

N-butyl acetate

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.

SARA 313 Emission Reporting

None of the ingredients are listed or exempt.

CAA Accidental Release Prevention

None of the ingredients are listed or exempt.

FDA - Essential Chemical

None of the ingredients are listed or exempt.

FDA - Precursor Chemical

None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories

None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed or exempt.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I)

The following ingredients are listed or exempt:

1-methoxy-2-propanol

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

1-methoxy-2-propanol

N-butyl acetate

Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

1-methoxy-2-propanol

N-butyl acetate



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Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

1-methoxy-2-propanol

N-butyl acetate

Minnesota "Right To Know" List

The following ingredients are listed or exempt:

1-methoxy-2-propanol

N-butyl acetate

New Jersey "Right To Know" List

The following ingredients are listed or exempt:

1-methoxy-2-propanol

N-butyl acetate

Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

1-methoxy-2-propanol

N-butyl acetate

Inventories

US-TSCA

The following ingredients are listed or exempt:

1-methoxy-2-propanol

N-butyl acetate

US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.



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16. Other information

Abbreviations and acronyms used in the safety data sheet

Abbreviations and acronyms used TDG: The transport of dangerous goods act

IATA: International air transport association.

ICAO: Technical instructions for the safe transport of dangerous goods by air.

IMDG: International maritime dangerous goods.

CAS: Chemical abstracts service. ATE: Acute toxicity estimate.

LC₅o: Lethal concentration to 50 % of a test population.

LD₅₀: Lethal dose to 50% of a test population (median lethal dose).

EC₅: 50% of maximal effective concentration.

PBT: Persistent, bioaccumulative and toxic substance. vPvB: Very persistent and very bioaccumulative.

Classification abbreviations and

acronyms

Flam. Liq. = Flammable liquid

Asp. Tox. = Aspiration hazard

STOT SE = Specific target organ toxicity-single exposure

Key literature references and

sources for data

Source: European Chemicals Agency, http://echa.europa.eu/

This SDS is prepared based on the information and documents received from product owner. CRAD or/and SDS author shall not be responsible for incorrect preapared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product

owner.

Training advice Only trained personnel should use this material.

Revision comments This is the first issue.

Issued by Bülent Özdemir / CRAD

www.crad.com.tr gbf@crad.com.tr

Revision date 3/17/2022

Revision 1.0

Supersedes date 3/17/2022

SDS No. 12572

Hazard statements in full H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.