

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 3/5/2024 Revision date: 6/20/2024 Supersedes: 6/10/2024 Version: 3.0

SECTION 1: Identification

1.1. Identification Product form : Mixture Product name : EBO-5105

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Smart Chemical Solutions, LLC 3505 Olsen Blvd Suite 201 Amarillo, TX 79109 T (806) 367-8031

1.4. Emergency telephone number

Emergency number

: CHEMTREC 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquids Category 2	H225	Highly flammable liquid and vapor
Acute toxicity (dermal) Category 3	H311	Toxic in contact with skin
Acute toxicity (inhalation:dust,mist) Category 4	H332	Harmful if inhaled
Germ cell mutagenicity Category 1B	H340	May cause genetic defects
Carcinogenicity Category 1B	H350	May cause cancer
Specific target organ toxicity (single exposure) Category 1	H370	Causes damage to organs
Hazardous to the aquatic environment - Acute Hazard Category 2	H401	Toxic to aquatic life
Hazardous to the aquatic environment - Chronic Hazard Category 2	H411	Toxic to aquatic life with long lasting effects
Full text of H statements : see section 16		

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)

Signal word (GHS US) Hazard statements (GHS US)



- : Danger
- : H225 Highly flammable liquid and vapor
- H311 Toxic in contact with skin
- H332 Harmful if inhaled
- H340 May cause genetic defects
- H350 May cause cancer
- H370 Causes damage to organs
- H401 Toxic to aquatic life
- H411 Toxic to aquatic life with long lasting effects

Precautionary statements (GHS US)

: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood.

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P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

P240 - Ground/Bond container and receiving equipment.

P241 - Use explosion-proof electrical/ventilating/lighting equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P261 - Avoid breathing dust, fume, gas, mist, vapors, spray.

P264 - Wash hands, forearms and face thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.

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

P302+P352 - If on skin: Wash with plenty of water.

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.

P307+P311 - If exposed: Call a poison center/doctor.

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

P312 - Call a poison center or doctor if you feel unwell.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P322 - Specific treatment (see supplemental first aid instruction on this label)

P361+P364 - Take off immediately all contaminated clothing and wash it before reuse.

P370+P378 - In case of fire: Use media other than water to extinguish.

P391 - Collect spillage.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

7.58% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
53.19% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
45.61% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Naphtha, petroleum, heavy catalytic reformed-	CAS-No.: 64741-68-0	10 – 30	Flam. Liq. 2, H225 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

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Name	Product identifier	%	GHS US classification
Methanol	CAS-No.: 67-56-1	10 – 30	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT SE 1, H370
Solvent Naphtha (petroleum), heavy arom.	CAS-No.: 64742-94-5	0.75 – 5	Flam. Liq. 4, H227 Acute Tox. 3 (Inhalation:dust,mist), H331 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Naphthalene	CAS-No.: 91-20-3	0.05 – 2.575	Flam. Liq. 4, H227 Acute Tox. 3 (Inhalation:dust,mist), H331 Carc. 2, H351 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	: IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after inhalation	 Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media		
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.	
5.2. Specific hazards arising from the chemical		
Fire hazard Hazardous decomposition products in case of fire	Highly flammable liquid and vapor.Toxic fumes may be released.	
5.3. Special protective equipment and precautions for fire-fighters		
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.	

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SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
6.1.1. For non-emergency personnel		
Emergency procedures	: No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapors/spray.	
6.1.2. For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	
6.2. Environmental precautions		

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up		
For containment	: Collect spillage.	
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.	
Other information	: Dispose of materials or solid residues at an authorized site.	
6.4. Reference to other sections		

For further information refer to section 13.

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.	
Hygiene measures	: Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.	
7.2. Conditions for safe storage, including any incompatibilities		
Technical measures Storage conditions	 Ground/bond container and receiving equipment. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. 	

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

EBO-5105

No additional information available

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Naphtha, petroleum, heavy catalytic	: reformed- (64741-68-0)
No additional information available	
Naphthalene (91-20-3)	
USA - ACGIH - Occupational Exposure L	imits
Local name	Naphthalene
ACGIH OEL TWA [ppm]	10 ppm
Remark (ACGIH)	TLV® Basis: URT irr; cararacts; hemolytic anemia. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Regulatory reference	ACGIH 2022
USA - ACGIH - Biological Exposure India	ces
Local name	NAPHTHALENE
BEI	Parameter: 1-Naphthol + 2-Naphthol (with hydrolysis) - Sampling time: End of shift - Notations: Nq, Ns
Regulatory reference	ACGIH 2022
Solvent Naphtha (petroleum), heavy	v arom. (64742-94-5)
No additional information available	
Methanol (67-56-1)	
USA - ACGIH - Occupational Exposure L	imits
Local name	Methanol
ACGIH OEL TWA [ppm]	200 ppm
ACGIH OEL STEL [ppm]	250 ppm
Remark (ACGIH)	TLV® Basis: Headache; eye dam; dizziness; nausea. Notations: Skin; BEI
Regulatory reference	ACGIH 2022
USA - ACGIH - Biological Exposure India	ces
Local name	METHANOL
BEI	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: End of shift - Notations: B, Ns
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Li	mits
Local name	Methyl alcohol
OSHA PEL TWA [1]	260 mg/m ³
OSHA PEL TWA [2]	200 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
8.2. Appropriate engineering control	bls
Appropriate engineering controls Environmental exposure controls	Ensure good ventilation of the work station.Avoid release to the environment.
8.3. Individual protection measures	/Personal protective equipment
Hand protection:	
Protective gloves	

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Eye protection:		
Safety glasses		
Skin and body protection:		
Wear suitable protective clothing		
Respiratory protection:		
Wear respiratory protection.		

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear.
Color	: amber
Odor	: There may be no odour warning properties, odour is subjective and inadequate to warn of
	overexposure.
	Mixture contains one or more component(s) which have the following odour:
	Characteristic odour Mild odour Pleasant odour Alcohol odour Commercial/unpurified substance:
	irritating/pungent odour
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Density	: 7.769 – 8.069
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	: Not classified : Toxic in contact with skin. : Harmful if inhaled.	
EBO-5105		
ATE US (dermal)	936.3 mg/kg body weight	
ATE US (dust, mist)	1.205 mg/l/4h	
Unknown acute toxicity (GHS US)	 7.58% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 53.19% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 45.61% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) 	
Naphtha, petroleum, heavy catalytic reforme	d- (64741-68-0)	
LD50 oral rat	4800 mg/kg Source: RTECS	
LD50 dermal rabbit	> 2000 mg/kg Source: IUCLID	
LC50 Inhalation - Rat (Dust/Mist)	> 5.04 mg/l Source: IUCLID	
ATE US (oral)	4800 mg/kg body weight	
Naphthalene (91-20-3)		
LD50 oral rat	> 5000 mg/kg Source: IUCLID	
LD50 dermal rabbit	> 2000 mg/kg Source: RTECS	
LC50 Inhalation - Rat (Dust/Mist)	> 0.59 mg/l Source: RTECS	
ATE US (dust, mist)	0.5 mg/l/4h	

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solution, Oral, 7 day(s)) LD50 dermal rabbit 300 mg/kg Source: ECHA LC50 Inhalation - Rat 128 mg/l air (BASF test, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours)) ATE US (oral) 1187 mg/kg body weight ATE US (dermal) 300 mg/kg body weight ATE US (desses) 700 ppm//4h ATE US (vapors) 3 mg/l/4h ATE US (dust, mist) 0.5 mg/l/4h Skin corrosion/irritation > Not classified Methanol (67-56-1) Vert dassified pH No data available in the literature Serious eye damage/irritation > Not classified Methanol (67-56-1) Vert dassified pH No data available in the literature Respiratory or skin sensitization > Not classified Germ cell mutagenicity > May cause genetic defects. Carcinogenicity > May cause genetic defects. Autority > May cause genetic defects. Carcinogenicity > May cause genetic defects. National Toxicity Program (NTP) Status Reasonably anticipated to be Human Carcinogen Reproductive toxicity > Not classified	Solvent Naphtha (petroleum), heavy arom. (64742-94-5)		
LC50 Inhalation - Rat (Dust/Mist) > 0.59 mg/l Source: RTECS ATE US (dust, mist) 0.5 mg/l/4h Methanol (67-56-1) 1187 - 2769 mg/kg body weight (BASF test, Rat, Male / female, Experimental value, Aquec solution, Oral, 7 day(s)) LD50 oral rat 1187 - 2769 mg/kg body weight (BASF test, Rat, Male / female, Experimental value, Aquec solution, Oral, 7 day(s)) LD50 thalation - Rat 128 mg/l ari (BASF test, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours)) ATE US (oral) 1187 mg/kg body weight ATE US (oral) 1187 mg/kg body weight ATE US (quernal) 300 mg/kg body weight ATE US (quernal) 300 mg/kg body weight ATE US (dust, mist) 0.5 mg/l/4h ATE US (dust, mist) 0.5 mg/l/4h ATE US (dust, mist) 0.5 mg/l/4h Skin corrosion/irritation Not classified Methanol (67-56-1) PH PH No data available in the literature Serious ey damage/irritation Not classified Methanol (67-56-1) May cause genetic defects. Carcinogenicity May cause cancer. Natical Strifed May cause cancer. Natical Toxicity Program (NTP) Status Reasonably anticipated to be Human Carcinogen Reproductive toxicity Not classified StOT-single exposure Causes damage to organs.	LD50 oral rat	> 5000 mg/kg Source: IUCLID	
ATE US (dust, mist) 0.5 mgl/4h Methanol (67-56-1) LD50 oral rat 1187 – 2769 mg/kg body weight (BASF test, Rat, Male / female, Experimental value, Aquec solution, Oral, 7 day(s)) LD50 dermal rabbit 300 mg/kg Source: ECHA LC50 Inhalation - Rat 128 mgl air (BASF test, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours)) ATE US (oral) 1187 mg/kg body weight ATE US (gases) 700 pgr/V/ah ATE US (dust, mist) 0.5 mgl/4h Skin corrosion/irritation : Not classified Methanol (67-56-1) PH PH No data available in the literature Serious eye damage/irritation : Not classified Methanol (67-56-1) PH PH No data available in the literature Respiratory or skin sensitization : Not classified Germ cell mutagenicity : May cause cancer. Napthalene (91-20-3) IARC group Reproductive toxicity : Not classified StoT- single exposure : Causes damage to organs. StoT	LD50 dermal rabbit	> 2000 mg/kg Source: RTECS	
Methanol (67-56-1) LD50 oral rat 1187 – 2769 mg/kg body weight (BASF test, Rat, Male / female, Experimental value, Aquec solution, Oral, 7 day(s)) LD50 dermal rabbit 300 mg/kg Source: ECHA LC50 Inhalation - Rat 128 mg/l air (BASF test, A h, Rat, Male / female, Experimental value, Inhalation (vapours)) ATE US (oral) 1187 mg/kg body weight ATE US (dermal) 300 mg/kg body weight ATE US (dermal) 300 mg/kg body weight ATE US (dermal) 300 mg/kg body weight ATE US (dust, mist) 0.5 mg/l/4h Skin corrosion/irritation : Not classified Methanol (67-56-1) PH PH No data available in the literature Serious eye damage/irritation : Not classified Gern cell mutagenicity : May cause genetic defects. Carinogenicity	LC50 Inhalation - Rat (Dust/Mist)	> 0.59 mg/l Source: RTECS	
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solution, Oral, 7 day(s)LD50 dermal rabbit300 mg/kg Source: ECHALC50 Inhalation - Rat128 mg/l air (BASF test, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours))ATE US (oral)1187 mg/kg body weightATE US (dermal)300 mg/kg body weightATE US (dermal)300 mg/kg body weightATE US (qases)700 ppmV/4hATE US (dust, mist)0.5 mg/l/4hSkin corrosion/irritation: Not classifiedMethanol (67-56-1)PHPHNo data available in the literatureSerious eye damage/irritation: Not classifiedMethanol (67-56-1)PHpHNo data available in the literatureSerious eye damage/irritation: Not classifiedMethanol (67-56-1)pHNo data available in the literatureRespiratory or skin sensitization: Not classifiedGerm cell mutagenicity: May cause genetic defects.Carcinogenicity: May cause genetic defects.Carcinogenicity: Not classifiedNaphthalene (91-20-3)IRC groupResproductive toxicity: Not classifiedSTOT-single exposure: Causes damage to organs.Methanol (67-56-1)STOT-single exposure: Not classifiedSTOT-single exposure: Not classifi	Methanol (67-56-1)		
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ATE US (gases) 700 ppmV/4h ATE US (vapors) 3 mg/l/4h ATE US (dust, mist) 0.5 mg/l/4h ATE US (dust, mist) 0.5 mg/l/4h Skin corrosion/irritation : Not classified Methanol (67-56-1) Ferdia available in the literature PH No data available in the literature Serious eye damage/irritation : Not classified Methanol (67-56-1) Ferdia available in the literature PH No data available in the literature Respiratory or skin sensitization : Not classified Germ cell mutagenicity : May cause genetic defects. Carcinogenicity : May cause cancer. Naphthalene (91-20-3) IARC group Reproductive toxicity : Not classified Retoroup 2B - Possibly carcinogenic to humans Rational Toxicity Program (NTP) Status Reasonably anticipated to be Human Carcinogen Reproductive toxicity : Not classified STOT-single exposure : Causes damage to organs. Methanol (67-56-1) Causes damage to organs. STOT-repeated exposure : Not classified STOT-repeated exposure : Not classified	ATE US (oral)	1187 mg/kg body weight	
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Aspiration hazard : Not classified Viscosity, kinematic : No data available	STOT-single exposure	Causes damage to organs.	
Viscosity, kinematic : No data available	STOT-repeated exposure	: Not classified	
	•		
Naphtha, petroleum, heavy catalytic reformed- (64741-68-0)	Viscosity, kinematic	: No data available	
	Naphtha, petroleum, heavy catalytic reform	rmed- (64741-68-0)	
Viscosity, kinematic < 1 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)'	Viscosity, kinematic	< 1 mm ² /s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm ² /s)'	

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

6/20/2024 (Revision date)

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Naphtha, petroleum, heavy catalytic reformed- (64741-68-0)		
EC50 72h - Algae [1]	7.4 mg/l Source: IUCLID	
Naphthalene (91-20-3)		
LC50 - Fish [1]	45 mg/l Source: IUCLID	
EC50 - Crustacea [1]	0.95 mg/l Source: IUCLID	
EC50 72h - Algae [1]	2.5 mg/l Source: IUCLID	
Solvent Naphtha (petroleum), heavy arom. (64742-94-5)		
LC50 - Fish [1]	45 mg/l Source: IUCLID	
EC50 - Crustacea [1]	0.95 mg/l Source: IUCLID	
EC50 72h - Algae [1]	2.5 mg/l Source: IUCLID	
Methanol (67-56-1)		
LC50 - Fish [1]	15400 mg/l (EPA 660/3 - 75/009, 96 h, Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, Lethal)	
EC50 - Crustacea [1]	18260 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 96 h, Daphnia magna, Semi- static system, Fresh water, Experimental value, Locomotor effect)	
EC50 96h - Algae [1]	22000 mg/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Growth rate)	

12.2. Persistence and degradability

Methanol (67-56-1)	
Persistence and degradability	Readily biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.6 – 1.12 g O ₂ /g substance
Chemical oxygen demand (COD)	1.42 g O ₂ /g substance
ThOD	1.5 g O ₂ /g substance

12.3. Bioaccumulative potential

Naphtha, petroleum, heavy catalytic reformed- (64741-68-0)		
Partition coefficient n-octanol/water (Log Pow)	2.1 – 6 Source: IUCLID	
Naphthalene (91-20-3)		
Partition coefficient n-octanol/water (Log Pow)	2.9 – 6.1 Source: IUCLID	
Solvent Naphtha (petroleum), heavy arom. (64742-94-5)		
Partition coefficient n-octanol/water (Log Pow)	2.9 – 6.1 Source: IUCLID	
Methanol (67-56-1)		
BCF - Fish [1]	1 – 4.5 (72 h, Cyprinus carpio, Static system, Fresh water, Experimental value)	
Partition coefficient n-octanol/water (Log Pow)	-0.77 (Experimental value)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	

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12.4. Mobility in soil

Methanol (67-56-1)	
Mobility in soil	2.75 Source: HSDB
Surface tension	No data available in the literature
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	-0.89 – -0.21 (log Koc, Calculated value)
Ecology - soil	Highly mobile in soil.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations	5
13.1. Disposal methods	
Waste treatment methods Additional information	 Dispose of contents/container in accordance with licensed collector's sorting instructions. Flammable vapors may accumulate in the container.

SECTION 14: Transport information

DOT	IMDG	ΙΑΤΑ
14.1. UN number		1
1993	1993	1993
14.2. Proper Shipping Name		
Flammable liquids, n.o.s. (Naphtha, petroleum, heavy catalytic reformed- and Methanol)	FLAMMABLE LIQUID, N.O.S. (Naphtha, petroleum, heavy catalytic reformed- and Methanol)	Flammable liquid, n.o.s. (Naphtha, petroleum heavy catalytic reformed- and Methanol)
14.3. Transport hazard class(es)		
3	3	3
PRAMIARE LEGED		
14.4. Packing group		
Ш	Ш	III
14.5. Environmental hazards		
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
No supplementary information available		
14.6. Special precautions for user		
DOT		
UN-No.(DOT)	: UN1993	

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DOT Special Provisions (49 CFR 172.102)	 B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks. IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T4 - 2.65 178.274(d)(2) Normal
	MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail (49	: 242
CFR 173.27)	. 00 L
DOT Quantity Limitations Cargo aircraft only (49	: 220 L
CFR 175.75)	
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a
, i i i i i i i i i i i i i i i i i i i	passenger vessel.
INDO	
IMDG Special provision (IMDG)	: 223, 274, 955
Limited quantities (IMDG)	: 5L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG)	: A
ΙΑΤΑ	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provision (IATA)	: A3
ERG code (IATA)	: 3L

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

Not applicable

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SECTION 15: Regulatory information 15.1. US Federal regulations All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for: CAS-No. 64741-68-0 10 - 30%Naphtha, petroleum, heavy catalytic reformed-Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. CAS-No. 91-20-3 0.05 - 2.575% Naphthalene Methanol CAS-No. 67-56-1 10 - 30% Naphthalene (91-20-3) Listed on EPA Hazardous Air Pollutant (HAPS) 100 lb CERCLA RQ Methanol (67-56-1) Listed on EPA Hazardous Air Pollutant (HAPS) CERCLA RQ 5000 lb 15.2. International regulations CANADA Naphthalene (91-20-3) Listed on the Canadian DSL (Domestic Substances List) Solvent Naphtha (petroleum), heavy arom. (64742-94-5) Listed on the Canadian DSL (Domestic Substances List) Methanol (67-56-1) Listed on the Canadian DSL (Domestic Substances List) **EU-Regulations** No additional information available National regulations Naphthalene (91-20-3) Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program) Listed on INSQ (Mexican National Inventory of Chemical Substances) Solvent Naphtha (petroleum), heavy arom. (64742-94-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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Methanol (67-56-1)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

This product can expose you to Naphthalene, which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date : 6/20/2024

Full text of H-phrases	
H225	Highly flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H331	Toxic if inhaled
H332	Harmful if inhaled
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H370	Causes damage to organs
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA