FAIR not a state	FILA INDUSTRIA CHIMICA S.P.A.	Revision nr. 4
		Dated 12/9/2019
		Printed on 10/03/2020
	FOB	Replace revision nr. 3
	. 32	Page n. 1/16

Safety Data Sheet According to U.S.A. Federal Hazcom 2012

1. Identification

1.1. Product identifier

Product name **FOB**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Oil repellent for natural stone, terracotta, clinker and cement.

Identified Uses	Industrial	Professional	Consumer
Uses	-	•	•

1.3. Details of the supplier of the safety data sheet

Name Fila Chemicals USA. 10800 NW 21st St Ste # 170 Full address District and Country Miami, FL 33172

Tel. (305) 513-0708 Fax. (305) 513-0728 filausa@filasolutions.com

e-mail address of the competent person

responsible for the Safety Data Sheet sds@filasolutions.com

1.4. Emergency telephone number

For urgent inquiries refer to 800-424-9300 CHEMTREC

2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200). The product thus requires a safety datasheet.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

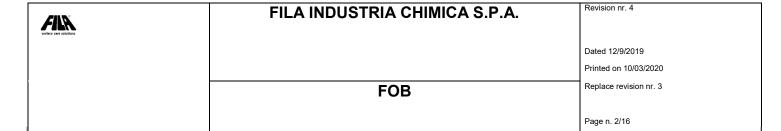
Classification and Hazard Statement

Hazard pictograms:

Flammable liquid, category 3 Flammable liquid and vapour. May be fatal if Aspiration hazard, category 1

swallowed and enters

airways.



Specific target organ toxicity - single exposure, category 3

May cause drowsiness or dizziness.







Signal words: Danger

Hazard statements:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

Precautionary statements:

Prevention:

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

Avoid breathing dust / fume / gas / mist / vapours / spray. P261

Use only non-sparking tools. P242

P280 Wear protective gloves / eye protection / face protection.

P271 Use only outdoors or in a well-ventilated area. P240 Ground / bond container and receiving equipment. Take precautionary measures against static discharge. P243

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

Response:

Do NOT induce vomiting. P331

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

P301+P310 IF SWALLOWED: immediately call a POISON CENTER / doctor / . . .

P312

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

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

P370+P378 In case of fire: use . . . to extinguish.

Storage:

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

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

P405 Store locked up.

Disposal:

P501 Dispose of contents / container in accordance with local/regional/national/international regulation.

2.2. Other hazards

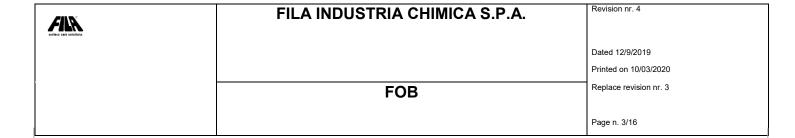
Information not available

3. Composition/information on ingredients

3.1. Substances

Information not relevant

3.2. Mixtures



Contains:

Identification DISTILLATES (PETROLEUM), LIGHT FRACTION	x = Conc. %	Classification:	Trade secret:
CAS 64742-47-8	65 ≤ x < 67	Flammable liquid, category 3 H226, Aspiration hazard, category 1 H304, Specific target organ toxicity - single exposure, category 3 H336	
EC		toxicity - single exposure, category o mode	
INDEX -			
N-BUTYL ACETATE			§
CAS 123-86-4	20 ≤ x < 22	Flammable liquid, category 3 H226, Specific target organ toxicity - single exposure, category 3 H336	
EC 204-658-1			
INDEX 607-025-00-1			
Nonane			§
CAS 111-84-2	3.5 ≤ x < 4	Flammable liquid, category 3 H226, Aspiration hazard, category 1 H304, Specific target organ toxicity - single exposure, category 3 H336	
EC		toxicity - single exposure, category o mode	
INDEX -			
DIPROPYLENE GLYCOL MONOMETHYL ETHER			§
CAS 34590-94-8	2 ≤ x < 2.5	Flammable liquid, category 4 H227, Eye irritation, category 2A H319	
EC 252-104-2		34.0go., 2.11010	
INDEX -			

Note: Upper limit is not included into the range.

§ The exact percentage (concentration) of composition has been withheld as a trade secret.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

4. First-aid measures

4.1. Description of first aid measures

EYES: Remove any contact lenses. Wash immediately with plenty of warm water for at least 15 minutes, opening the eyelids well. Consult a doctor immediately.

SKIN: Remove contaminated clothing. Take a shower immediately. Consult a doctor immediately.

INGESTION: Consult a doctor immediately. Do not induce vomiting.

INHALATION: Call a doctor immediately. Bring the subject to fresh air, away from the accident site. If breathing stops, give artificial respiration. Take appropriate precautions for

the rescuer.

4.2. Most important symptoms and effects, both acute and delayed

It can be lethal in case of ingestion and penetration into the respiratory tract. May cause drowsiness or dizziness.

4.3. Indication of any immediate medical attention and special treatment needed

FIR	FILA INDUSTRIA CHIMICA S.P.A.	Revision nr. 4
		Dated 12/9/2019
		Printed on 10/03/2020
	FOB	Replace revision nr. 3
		Page n. 4/16

Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Stop the leak if there is no danger.

Wear appropriate protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent contamination of the skin, eyes and personal clothing. These indications are valid both for workers involved in the work and for emergency interventions. Remove unequipped persons. Use an explosion-proof device. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) or heat from the area where the leak occurred.

6.2. Environmental precautions

Prevent the product from entering sewers, surface waters, water tables.

6.3. Methods and material for containment and cleaning up

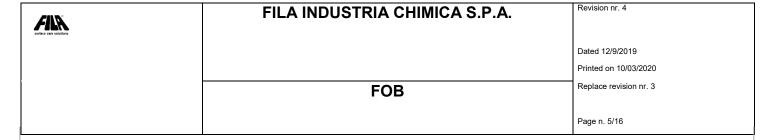
For containment

Collect with absorbent substances (sand, diatomaceous earth, binder for acids, universal binder).

For the cleaning

After harvesting, wash the area and the materials involved with water, recovering the water used and, if necessary, sending it to disposal in authorized facilities

6.4. Reference to other sections



Reference to other sections Personal protection: see section 8 Disposal considerations: see section 13

7. Handling and storage

7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

JSA NIOSH-REL NIOSH publication No. 2005-149, 3th printing, 2007.

USA OSHA-PEL Occupational Exposure Limits - Limits for Air Contaminants TABLE Z-1-1910.1000.

USA CAL/OSHA-PEL California Division of Occupational Safety and Health (Cal-OSHA) Permissible Exposure Limits (PELs).

EU OEL EU Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive

2004/37/EC; Directive 2000/39/EC; Directive 91/322/EEC.

TLV-ACGIH ACGIH 2019

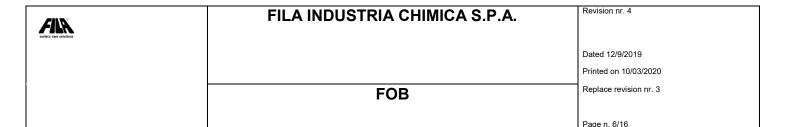
DISTILLATES (PETROLEUM), LIGHT FRACTION

Threshold Limit Value	9				
Туре	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
CAL/OSHA-PEL	USA	1200	197		

N-BUTYL ACETATE

Threshold Limit Valu	ue e					
Туре	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
TLV-ACGIH	-		50		150	
OSHA	USA	710	150			
CAL/OSHA	USA	710	150	950	200	
NIOSH	USA	710	150	950	200	

Nonane



Threshold Limit Value						
Туре	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
CAL/OSHA	USA	1.05	200			_
NIOSH	USA	1050	200			

DIPROPYLENE GLY	DIPROPYLENE GLYCOL MONOMETHYL ETHER						
Threshold Limit Val	lue						
Туре	Country	TWA/8h		STEL/15min			
		mg/m3	ppm	mg/m3	ppm		
TLV-ACGIH	-	606	100	909	150	SKIN	
OEL	EU	308	50			SKIN	
OSHA	USA	600	100			SKIN	
CAL/OSHA	USA	600	100	900	150	SKIN	
NIOSH	USA	600	100	900	150	SKIN	

Legend:

(C) = CEILING; INHAL = Inhalable Fraction; RESP = Respirable Fraction; THORA = Thoracic Fraction.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must comply with current regulations.

HAND PROTECTION

Generally not necessary. In case of prolonged contact use gloves to protect hands with category III work gloves (ref. Standard EN 374).

Recommended material: Nitrile, minimum 0.38 mm thick or equivalent barrier material with a high level performance for continuous contact use conditions, with a minimum permeability time of 480 minutes according to the CEN EN 420 and EN standard 374.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear. Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (OSHA 29 CFR 1910.133).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a NIOSH certified filter, whose class must be chosen according to the limit of use concentration (NIOSH 42 CFR 84, OSHA 29 CFR 1910.134). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus or external air-intake breathing apparatus. For a correct choice of respiratory protection device, see standard NIOSH 42 CFR 84, OSHA 29 CFR 1910.134.

ENVIRONMENTAL EXPOSURE CONTROLS

Generally not necessary. In case of prolonged contact use gloves protect hands with category III work gloves (ref. Standard EN 374).

Recommended material: Nitrile, minimum 0.38 mm thick or equivalent barrier material with high level performance for conditions of use in continuous

SFEEN STATE CHARLES AND STATE CHARLES AND STATE CHARLES CHARLES AND STATE CHARLES AN	FILA INDUSTRIA CHIMICA S.P.A.	Revision III. 4
		Dated 12/9/2019
		Printed on 10/03/2020
	FOB	Replace revision nr. 3
		Page n. 7/16

contact, with a minimum permeability time of 480 minutes in accordance with the CEN EN 420 and EN standard 374.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance liquid
Colour colourless

Odour characteristic of solvent

Odour threshold Not available
pH Not applicable
Melting point / freezing point Not available
Initial boiling point Not available
Boiling range Not available
Flash point 40 °C

Flash point Not available **Evaporation Rate** Flammability of solids and gases not applicable Lower inflammability limit Not available Upper inflammability limit Not available Not available Lower explosive limit Not available Upper explosive limit Vapour pressure Not available Not available Vapour density

Solubility insoluble in water

Partition coefficient: n-octanol/water Not available

Auto-ignition temperature Not available

Decomposition temperature Not available

Viscosity Not available

Explosive properties not applicable

Oxidising properties not applicable

9.2. Other information

Information not available

Relative density

10. Stability and reactivity

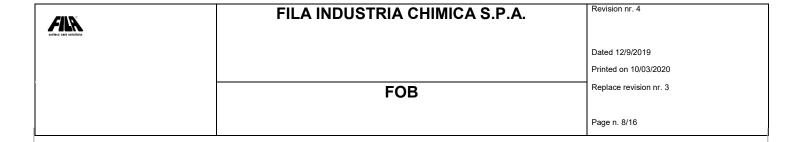
10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

0.763

N-BUTYL ACETATE

Decomposes on contact with: water.



DIPROPYLENE GLYCOL MONOMETHYL ETHER

May react with: oxidising substances. When heated to decomposition releases: harsh fumes, zinc alloys.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

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.

10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

N-BUTYL ACETATE

Avoid exposure to: moisture, sources of heat, naked flames.

10.5. Incompatible materials

N-BUTYL ACETATE

Incompatible with: water, nitrates, strong oxidants, acids, alkalis, zinc.

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

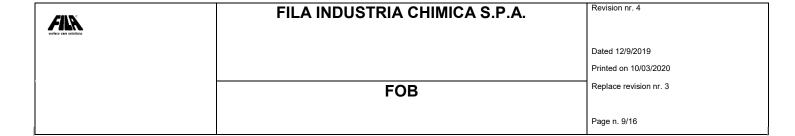
It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure



Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

N-BUTYL ACETATE

LD50 (Oral) > 6400 mg/kg Rat

LD50 (Dermal) > 5000 mg/kg Rabbit

LC50 (Inhalation) 21.1 mg/l/4h Rat

DISTILLATES (PETROLEUM), LIGHT FRACTION

LD50 (Oral) > 5000 mg/kg rat

LD50 (Dermal) > 5000 mg/kg rabbit

LC50 (Inhalation) > 4951 mg/l/4h rat

SKIN CORROSION / IRRITATION

Repeated exposure may cause skin dryness or cracking.

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

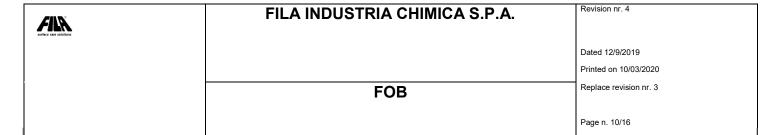
RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY



Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

May cause drowsiness or dizziness

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Toxic for aspiration

12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

DISTILLATES (PETROLEUM), LIGHT

FRACTION

LC50 - for Fish > 1000 mg/l/96h Oncorhynchus mykiss

EC50 - for Crustacea 1000 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants > 1000 mg/l/72h Pseudokirchneriella subcapitata

12.2. Persistence and degradability

DIPROPYLENE GLYCOL MONOMETHYL

ETHER

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

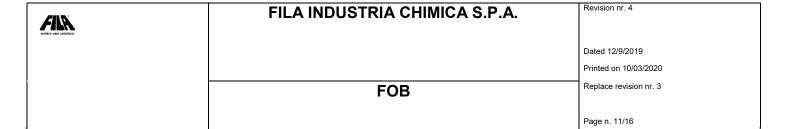
N-BUTYL ACETATE

Solubility in water 1000 - 10000 mg/l

DISTILLATES (PETROLEUM), LIGHT

FRACTION

Rapidly degradable



Nonane

Rapidly degradable

12.3. Bioaccumulative potential

DIPROPYLENE GLYCOL MONOMETHYL

ETHER

Partition coefficient: n-octanol/water 0.0043

N-BUTYL ACETATE

Partition coefficient: n-octanol/water 2.3 BCF 15.3

12.4. Mobility in soil

N-BUTYL ACETATE

Partition coefficient: soil/water < 3

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects

Information not available

13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14. Transport information

: Product is regulated under DOT/TDG and other transportation regulations.

Rail and Truck Shipments

DOT Shipping Name: HYDROCARBONS, LIQUIDS, N.O.S. (ISODECANE and n-DECANE)

3 (Flammable liquid), III

DOT ID Number UN 3295

DOT Hazard Class & Packing

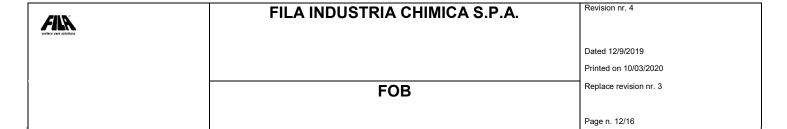
Group

DOT Shipping Label Flammable

TDG Shipping Name: HYDROCARBONS, LIQUIDS, N.O.S. (ISODECANE and n-DECANE)

TDG ID Number UN 3295

TDG DOT Hazard Class & Packing 3 (Flammable liquid), III



Group

TDG Shipping Label Flammable

Water Shipments

IMO Shipping Name: HYDROCARBONS, LIQUIDS, N.O.S. (ISODECANE and n-DECANE)

3 (Flammable liquid), III

IMO ID Number UN 3295

IMO DOT Hazard Class & Packing

Group

IMO Shipping Label 3 (Flammable)

IMO EMS F-E, S-D

Air Shipments IATA Shipping Name: HYDROCARBONS, LIQUIDS, N.O.S. (ISODECANE and n-DECANE)

IATA ID Number UN 3295

IATA DOT Hazard Class & Packing 3 (Flammable liquid), III

Group

IATA Shipping Label 3 (Flammable)

IATA Packing Instructions 310 Maximum quantity: 220 L Cargo:

Passenger: 309 Maximum quantity: 60 L

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

U.S. Federal Regulations

TSCA:

All components are listed on TSCA Inventory.

Clean Air Act Section 112(b):

34590-94-8 DIPROPYLENE GLYCOL

MONOMETHYL ETHER (Glycol

ethers)

Clean Air Act Section 602 Class I Substances:

No component(s) listed.

Clean Air Act Section 602 Class II Substances:

No component(s) listed.

Clean Water Act -**Priority Pollutants:**

No component(s) listed.

Clean Water Act -Toxic Pollutants:

FAIR INFO ON THE STATE OF STAT	FILA INDUSTRIA CHIMICA S.P.A.	Revision nr. 4
		Dated 12/9/2019
		Printed on 10/03/2020
	FOB	Replace revision nr. 3
		Page n. 13/16

No component(s) listed.

DEA List I Chemicals (Precursor Chemicals):

No component(s) listed.

DEA List II Chemicals (Essential Chemicals):

No component(s) listed.

EPA List of Lists:

313 Category Code:

34590-94-8 DIPROPYLENE GLYCOL

MONOMETHYL ETHER (Glycol

ethers) METHANOL

67-56-1 METHANG

EPCRA 302 EHS TPQ:

No component(s) listed.

EPCRA 304 EHS RQ:

No component(s) listed.

CERCLA RQ:

123-86-4 N-BUTYL ACETATE

67-56-1 METHANOL

EPCRA 313 TRI:

34590-94-8 DIPROPYLENE GLYCOL

MONOMETHYL ETHER (Glycol

ethers)

67-56-1 METHÁNOL

RCRA Code:

67-56-1 METHANOL

CAA 112 (r) RMP TQ:

No component(s) listed.

State Regulations

Massachussetts:

123-86-4 N-BUTYL ACETATE

111-84-2 Nonane

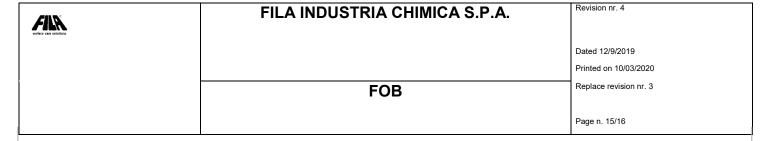
123-86-4 111-84-2 34590-94-8 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) N-BUTYL ACETATE 123-86-4 N-BUTYL ACETATE 123-86-4 N-BUTYL ACETATE 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers)	FAR	FILA INDUSTRIA CHIMICA S.P.A.	Revision nr. 4
POB Replace recision no. 3 Page n. 14/16 Page n. 14/16	surface care solutions		Dated 12/9/2019
Page n. 14/16			Printed on 10/03/2020
34590-94-8 Minnesota: 123-86-4 111-84-2 34590-94-8 Monometrryl Ether (Glycol ethers) 123-86-4 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETRYL ETHER (Glycol ethers) Nonane DIPROPYLENE GLYCOL MONOMETRYL ETHER (Glycol ethers) New Jersey: 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETRYL ETHER (Glycol ethers) New Jersey: 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETRYL ETHER (Glycol ethers) New York: 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETRYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETRYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETRYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETRYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETRYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETRYL ETHER (Glycol ethers) Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.		FOB	Replace revision nr. 3
MONOMETHYL ETHER (Glycol ethers) 123-86-4 111-84-2 34590-94-8 New Jersey: 123-86-4 111-84-2 111-84-2 134590-94-8 New York: 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) New York: 123-86-4 N-BUTYL ACETATE Nonane 111-84-2 Nonane 123-86-4 N-BUTYL ACETATE Nonane 111-84-2 Nonane 123-86-4 N-BUTYL ACETATE Nonane 111-84-2 Nonane			Page n. 14/16
123-86-4 111-84-2 101-80-94-8 New Jersey: 123-86-4 111-84-2 101-80-94-8 Nonane 101-ROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) New Jersey: 123-86-4 N-BUTYL ACETATE Nonane 101-ROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) New York: 123-86-4 N-BUTYL ACETATE Nonane 123-86-4 N-BUTYL ACETATE Nonane 111-84-2 N	34590-94-8	MONOMETHYL ETHER (Glycol	
111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) NEW York: 123-86-4 Pennsylvania; 123-86-4 N-BUTYL ACETATE Nonane 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 124-86-4 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 125-86-4 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 126-86-4 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 127-86-4 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers)	Minnesota:	,	
DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 111-84-2 14590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) New York: 123-86-4 N-BUTYL ACETATE NOnane 123-86-4 N-BUTYL ACETATE Nonane 111-84-2 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane 111-84-2 Nonane 111-84-2 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-5 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers)	123-86-4	N-BUTYL ACETATE	
MONOMETHYL ETHER (Glycol ethers) 123-86-4 111-84-2 Nonane 117-84-2 Nonome 117-84-9-94-8 New York: 123-86-4 N-BUTYL ACETATE MONOMETHYL ETHER (Glycol ethers) New York: 123-86-4 N-BUTYL ACETATE 111-84-2 Nonane 111-84-2 N	111-84-2	Nonane	
New Jersey: 123-86-4 111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) New York: 123-86-4 N-BUTYL ACETATE 111-84-2 Nonane 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 Supposition 65: 125-86-5 This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.	34590-94-8	MONOMETHYL ETHER (Glycol	
111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 Pennsylvania: 123-86-4 N-BUTYL ACETATE 123-86-4 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.	New Jersey:	,	
DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 123-86-4 123-86-4 111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 111-84-2 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.	123-86-4	N-BUTYL ACETATE	
MONOMETHYL ETHER (Glycol ethers) 123-86-4 123-86-4 123-86-4 123-86-4 111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers)	111-84-2	Nonane	
N-BUTYL ACETATE Pennsylvania: 123-86-4 111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE Nonane 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.	34590-94-8	MONOMETHYL ETHER (Glycol	
Pennsylvania: 123-86-4 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE N-BUTYL ACETATE Nonane 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.	New York:	outors)	
123-86-4 111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 N-BUTYL ACETATE 111-84-2 Nonane 123-86-4 N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-5 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.	123-86-4	N-BUTYL ACETATE	
111-84-2 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 111-84-2 Nonane N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.	Pennsylvania:		
DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) 123-86-4 111-84-2 Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) N-BUTYL ACETATE Nonane DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.	123-86-4	N-BUTYL ACETATE	
California: 123-86-4 111-84-2 34590-94-8 Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.	111-84-2	Nonane	
123-86-4 111-84-2 Nonane 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.	34590-94-8	MONOMETHYL ETHER (Glycol	
111-84-2 Nonane 34590-94-8 DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects. International Regulations	California:	,	
DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers) Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects. International Regulations	123-86-4	N-BUTYL ACETATE	
MONOMETHYL ETHER (Glycol ethers) Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects. International Regulations	111-84-2	Nonane	
Proposition 65: This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects. International Regulations	34590-94-8	MONOMETHYL ETHER (Glycol	
International Regulations	Proposition 65:	,	
	This product does not contain an	y substances know to the State of California to cause cancer, reproductive harr	n or birth defects.
Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:	nternational Regulations		
	Substances subject to exportation	n reporting pursuant to (EC) Reg. 649/2012:	
	None		

Substances subject to the Rotterdam Convention:

Substances subject to the Stockholm Convention:

None

None



Candadian WHMIS

Information not available

16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

H226 Flammable liquid and vapour.

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

LEGEND:

- 313 CATEGORY CODE: Emergency Planning and Community Right-to Know Act Section 313 Category Code
- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- · CAA 112 ® RMP TQ: Risk Management Plan Threshold Quantity (Clean Air Act Section 112®)
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CERCLA RQ: Reportable Quantity (Comprehensive Environment Response, Compensation, and Liability Act)
- CLP: EC Regulation 1272/2008
- DEA: Drug Enforcement Administration
- EmS: Emergency Schedule
- EPA: US Environmental Protection Agency
- EPCRA: Emergency Planning and Community Right-to Know Act
- EPCRA 302 EHS TPQ: Extremely Hazardous Substance Threshold Planning Quantity (Section 302 Category Code)
- EPCRA 304 EHS RQ: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code)
- EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code)
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- · IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- · OEL: Occupational Exposure Level
- PEL: Predicted exposure level
- RCRA Code: Resource Conservation and Recovery Act Code
- REL: Recommended exposure limit
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TLV CEILING: Concentration that sho - TSCA: Toxic Substances Control Act
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- WHMIS: Workplace Hazardous Materials Information System.

GENERAL BIBLIOGRAPHY:

- GHS rev. 3
- The Merck Index. 10th Edition
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology

FIR	FILA INDUSTRIA CHIMICA S.P.A.	Revision nr. 4
		Dated 12/9/2019
		Printed on 10/03/2020
	FOB	Replace revision nr. 3
		Page n. 16/16

- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy
- 6 NYCRR part 597
- Cal/OSHA website
- California Safe Drinking Water and Toxic Enforcement Act
- EPA website
- Hazard Comunication Standard (HCS 2012)
- IARC website
- List Of Lists EPA: Consolidated List of Chemicals Subject to EPCRA, CERCLA and Section 112® of the Clean Air Act
- Massachussetts 105 CMR Department of public health 670.000: "Right to Know"
- Minensota Chapter 5206 Departemnt Of Labor and Industry Hazardous Substances, Employee "Right to Know".
- New Jersey Worker and Community Right to know Act N.J.S.A.
- NTP. 2011. Report on Carcinogens, 12th Edition.
- OSHA website
- Pennsylvania, Hazardous Substance List, Chapter 323

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Product's classification is based on the criteria set out in OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200), unless otherwise indicated in sections 11 and 12.

The data for evaluation of chemical-physical properties are reported in section 9.

Changes to previous review:

The following sections were modified:

01 / 02 / 03 / 04 / 05 / 06 / 08 / 09 / 10/ 11 / 12 / 14 / 15.