SECTION 1: Identification of the substance / mixture and of the company / undertaking

1.1 Product identifier

Metaflux 75-33 CC 80 Multi-Function Oil

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

Relevant identified uses

Multipurpose oil

1.3 Details of the supplier of the safety data sheet Supplier (manufacturer / importer / only representative / downstream user / dealer)

SODITEC SAS

Street : 24 Rue Joseph Marie Jacquard

Postal code / City: F-67400 ILLKIRCH

Phone : + 33 (0) 3 88 55 29 40

Fax: + 33 (0) 3 88 67 85 40

Contact for information: info.soditec@metaflux.fr - Internet: www.metaflux.fr

1.4 Emergency telephone number

Canutec: 1-613-996-6666

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP]

Asp. Tox. 1; H304 - Aspiration hazard: Category 1; May be fatal if swallowed and enters airways.

2.2 Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Health hazard (GHS08) **Signal word**

Danger

Component (s) determining the hazard classification for labeling

WHITE MINERAL OIL (PETROLEUM); CAS number: 8042-47-5

Hazard statements

H304	May be fatal if swallowed and enters airways.

Precautionary advice

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER / doctor / .... DO NOT induce vomiting.
P331	
P405	Keep locked up.

Various indications

Any

2.3 Other dangers

Any

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous components

WHITE MINERAL OIL (PETROLEUM); REACH registration number: 01-2119487078-27-XXXX; EC No: 232-455-8; CAS number: 8042-47-5

Weight : ≥ 50 - <100%

Classification 1272/2008 [CLP]: Asp. Tox. 1; H304

(2-METHOXYMETHYLETHOXY) PROPANOL; REACH registration number: 01-2119450011-60-XXXX; EC No: 252-104-2; CAS number: 34590-94-8

Weight : ≥ 5 - <10%

Classification 1272/2008 [CLP]: Material with a workplace exposure limit value established at Community (EU) level.

Various indications

Full text of H- and EUH phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

If in doubt or if there are symptoms, seek medical advice. Immediately remove soiled, impregnated clothing.

In case of inhalation

Seek medical attention if respiratory tract irritation occurs. Take the victim to fresh air, protect him with a blanket and keep him still.

In case of contact with the skin

After contact with the skin, wash immediately and abundantly with water and soap. Apply a fatty cream.

After contact with eyes

In case of contact with the eyes, rinse for a while with water, keeping the eyelid open and consult an ophthalmologist immediately.

In case of ingestion

Rinse mouth immediately and drink plenty of water. DO NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

4.3 Indication of any immediate medical attention and special treatment needed

Any

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable

extinguishing media

Water Foam Extinguishing powder Carbon dioxide (CO2) Sand Nitrogen Blanket to extinguish the fire

Unsuitable extinguishing media

High flow water jet

5.2 Special hazards arising from the substance or mixture

Any

5.3 Advice for firefighters

Use a water jet in the perimeter of the danger for the protection of people and the cooling of the containers. Apply the foam in large quantities, as it will be destroyed. Collect the contaminated extinguishing water separately, do not spill it in the drains.

Special protective equipment in case of fire

Wear self-contained breathing apparatus and chemical protective suit.

5.4 Various indications

Possible spread of fire. Strong emission of carbon black during combustion. Use a water jet in the perimeter of the danger for the protection of people and the cooling of the containers. Move product from fire area.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Remove all sources of ignition.

6.2 Environmental protection precautions

Do not allow access to the basement / ground. Do not let run into drains or running water.

6.3 Methods and material for containment and cleaning up

Absorb with a liquid binding substance (sand, diatomite, acid binder, universal binder). Collect in suitable, closed containers and take to the recycling center.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection: see section 8
Evacuation: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep away from sources of heat (eg hot surfaces), sparks and direct flames. Keep the container tightly closed. Ensure sufficient ventilation of the storage area.

7.2 Conditions for safe storage, including any incompatibilities

Ensure sufficient ventilation of the storage area. Keep containers tightly closed in a cool, well-ventilated place.

Advice on joint storage

Storage class (TRGS 510): 10

Keep away from

Keep away from any flame or source of sparks - No smoking. Avoid the accumulation of electrostatic charges.

7.3 Specific end use (s)

Observe the technical specifications sheet. Observe the instructions for use.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters Limit values at the workplace

WHITE MINERAL OIL (PETROLEUM); CAS number: 8042-47-5

Limit value type (country of origin):	TRGS 900 (D)
Setting :	A: breathable fraction
Threshold value:	5 mg / m3 / 20 mg / m3
Peak limitation:	4 (II)
Note:	Y
Version:	06/07/2018

(2-METHOXYMETHYLETHOXY) PROPANOL; CAS number: 34590-94-8

Limit value type (country of origin):	TRGS 900 (D)
Threshold value:	50 ppm / 310 mg / m3
Peak limitation:	1 (I)
Version:	06/07/2018

Limit value type (country of origin) TWA (EC)

:

Threshold value:	50 ppm / 308 mg / m3
Remark :	H
Version:	31.01.2018

DNEL / DMEL and PNEC values

DNEL / DMEL

Limit value type:	Employee DNEL (systemic) ((2-METHOXYMETHYLETHOXY) PROPANOL; CAS No .: 34590-94-8)
Route of exposure:	Inhalation
Exposure frequency:	Long term (repeated)
Threshold value:	310 mg / m3
Limit value type:	Employee DNEL (systemic) ((2-METHOXYMETHYLETHOXY) PROPANOL; CAS No .: 34590-94-8)
Route of exposure:	Dermal
Exposure frequency:	Long term (repeated)
Threshold value:	65 mg / kg

8.2 Exposure controls Personal protection

Eye / face protection

Wear protective goggles in case of splashing.

Appropriate eye protection

DIN EN 166

Skin protection

Hand protection

Suitable glove model : EN 374. **Suitable material** : Butyl rubber

Penetration time (maximum wearing time) : 480 min.

Glove material thickness : 0.3 mm.

Remark : The model of the special chemical gloves must be chosen according to the concentrations and quantities of the chemical substances specific to the job. It is advisable to ask the manufacturer for details concerning the resistance to chemical agents of the above-mentioned protective gloves for specific applications.

Respiratory protection

Respiratory protection is necessary when: exceeding the limit value

Appropriate respiratory protection device

Combined filter device (EN 14387)

General protection and hygiene measures

Do not wear rags impregnated with the product. Do not eat, drink, smoke or snuff while using. Avoid contact with skin, eyes and clothing. Immediately remove soiled, impregnated clothing.

8.3 Various indications

No testing was performed. The selection for this preparation was made in good faith taking into account the information on the ingredients. The resistance of the material used for the gloves is not predictable, so a test should be done before use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties Appearance:

Liquid

Color : colorless

Smell : vanilla

Aspect

State : Liquid

Color : colorless

Smell

characteristic

Security data

Solidification point:	(1013 hPa)	approx.	- 25	° C
Flash point:		>	100	° C
Lower explosion limit: Upper explosion limit: Density:			not applicable not applicable	
	(20 ° C)	approx.	0.81	g / cm3
pH:			not applicable	
Kinematic viscosity: Maximum VOC content (EC): Maximum VOC content (Switzerland):	(20 ° C)	approx.	6.48 5 5	mm2/ s Wt% Wt%

9.2 Other information

Any

SECTION 10: Stability and reactivity

10.1 Reactivity

Violent reaction with: Oxidizing, strong. Formation of: Peroxides.

10.2 Chemical stability

The mixture is chemically stable if the conditions of storage, use and recommended temperatures are respected.

10.3 Possibility of hazardous reactions

No available information.

10.4 Conditions to avoid

No available information.

10.5 Incompatible materials

No available information.

10.6 Hazardous decomposition products

Carbon monoxide Carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects Acute effects

Acute oral toxicity

Setting :	Calculated ATEmix
Route of exposure:	Orally
Effective dose:	> 2000 mg / kg
Setting :	LD50 (WHITE MINERAL OIL (PETROLEUM); CAS No .: 8042-47-5) Oral
Route of exposure:	
Species:	Rat
Effective dose:	> 5000 mg / kg

Method:	OECD 401
Setting :	LD50 ((2-METHOXYMETHYLETHOXY) PROPANOL; CAS #: 34590-94-8) Oral
Route of exposure:	
Species:	Rat
Effective dose:	> 5000 mg / kg
Method:	OECD 401

Acute dermal toxicity

Setting :	Calculated ATEmix
Route of exposure:	Dermal
Effective dose:	> 2000 mg / kg
Setting :	LD50 (WHITE MINERAL OIL (PETROLEUM); CAS No .: 8042-47-5) Dermal
Route of exposure:	
Species:	Rabbit
Effective dose:	> 5000 mg / kg
Method:	OECD 402
Setting :	LD50 ((2-METHOXYMETHYLETHOXY) PROPANOL; CAS #: 34590-94-8) Dermal
Route of exposure:	
Species:	Rat
Effective dose:	> 19,020 mg / kg
Method:	OECD 402

Acute inhalation toxicity

Setting :	Calculated ATEmix
Route of exposure:	Inhalation
Effective dose:	> 20 mg / m3
Setting :	LC50 ((2-METHOXYMETHYLETHOXY) PROPANOL; CAS No .: 34590-94-8)
Route of exposure:	Inhalation
Species:	Rat
Effective dose:	> 275 ppm
Exposure time:	7 a.m.
Method:	OECD 403
Setting :	LC50 (WHITE MINERAL OIL (PETROLEUM); CAS No .: 8042-47-5) Inhalation
Route of exposure:	
Species:	Rat
Effective dose:	> 5000 mg / m3
Exposure time:	4 hrs
Method:	OECD 403

Irritating and caustic effect

Primary skin irritation

No additional relevant information available. **Eye irritation**

No additional relevant information available.

Sensitization

In case of contact with the skin

No additional relevant information available. **In case of inhalation**

No additional relevant information available.

CMR effects (carcinogenic, mutagenic and toxic for reproduction)

Cancerogenity

No additional relevant information available. **Germ cell mutagenicity**

No additional relevant information available. **Reproductive toxicity**

No additional relevant information available.

Specific target organ toxicity - single exposure

No additional relevant information available.

Specific target organ toxicity - repeated exposure

No additional relevant information available.

Aspiration hazard

No additional relevant information available.

11.2 Toxicokinetics, metabolism and distribution

No data provided for the preparation / the mixture.

11.3 Other adverse effects

Frequent and permanent contact with the skin may cause skin irritation. Do not breathe gas / fumes / vapors / spray.

11.4 Further information

Uncontrolled preparation. The statement is deduced from the properties of the different components.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) toxicity to fish

Setting :	LC50 ((2-METHOXYMETHYLETHOXY) PROPANOL; CAS No .: 34590-94-8) Poecilia
Species:	reticulata (Guppy)
Assessment parameters:	Acute (short-term) toxicity to fish
Effective dose:	> 1000 mg / l
Exposure time:	96 h
Evaluation :	Not harmful to fish up to the concentration tested. OECD
Method:	203
Setting :	LC50 (WHITE MINERAL OIL (PETROLEUM); CAS No .: 8042-47-5) Leuciscus
Species:	idus (golden elecampane)
Assessment parameters:	Acute (short-term) toxicity to fish
Effective dose:	> 100 mg / l
Exposure time:	96 h
Evaluation :	Not harmful to fish up to the concentration tested. OECD
Method:	203
Setting :	LC50 (WHITE MINERAL OIL (PETROLEUM); CAS No .: 8042-47-5) Daphnia
Species:	magna (giant water flea)
Assessment parameters:	Acute (short-term) toxicity to daphnia
Effective dose:	> 100 mg / l
Exposure time:	48 h
Evaluation :	Not harmful to daphnia up to the concentration tested.
Method:	OECD 202
Setting :	LC50 ((2-METHOXYMETHYLETHOXY) PROPANOL; CAS No .: 34590-94-8)
Species:	Daphnia magna (giant water flea)
Assessment parameters:	Acute (short-term) toxicity to daphnia 1919
Effective dose:	mg / l
Exposure time:	48 h
Evaluation :	Not harmful to daphnia up to the concentration tested.
Method:	OECD 202
Setting :	EC50 (WHITE MINERAL OIL (PETROLEUM); CAS No .: 8042-47-5) Daphnia
Species:	magna (giant water flea)
Assessment parameters:	Chronic (long-term) toxicity to daphnia
Effective dose:	> 1000 mg / l
Exposure time:	21 d
Method:	OECD 211

Acute (short-term) toxicity to algae

Setting :	EC50 ((2-METHOXYMETHYLETHOXY) PROPANOL; CAS No .: 34590-94-8)
Species:	Pseudokirchneriella subcapitata
Effective dose:	> 969 mg / l
Exposure time:	72 h
Evaluation :	Not harmful to algae up to the concentration tested.

Method:	OECD 201

Bacterial toxicity

Setting :	EC50 (WHITE MINERAL OIL (PETROLEUM); CAS No .: 8042-47-5) Bacterial toxicity
Species:	
Effective dose:	> 1000 mg / l
Exposure time:	40 h
Setting :	EC10 ((2-METHOXYMETHYLETHOXY) PROPANOL; CAS #: 34590-94-8)
Species:	Pseudomonas putida
Assessment parameters:	Bacterial toxicity
Effective dose:	4168 mg / l
Exposure time:	6 p.m.

12.2 Persistence and degradability

Biodegradation

Setting :	Biodegradation (WHITE MINERAL OIL (PETROLEUM); CAS No .: 8042-47-5) Degree of degradability
Inoculum:	
Assessment parameters:	Aerobic
Decomposition rate: Test duration:	24% 28 d
Method:	OECD 301B
Setting :	DOC reduction ((2-METHOXYMETHYLETHOXY) PROPANOL; CAS #: 34590-94-8)
Inoculum:	Biodegradation
Assessment parameters:	Aerobic
Decomposition rate: Test duration:	96% 28 d
Evaluation :	Readily biodegradable (according to OECD criteria).
Method:	OECD 301F

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

No available information.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PTB / vPvB criteria of the REACH annex XIII directive.

12.6 Other adverse effects

No available information.

12.7 Other ecotoxicological information

Avoid entry into the environment.

SECTION 13: Disposal considerations

Depending on the professional branch and the process, the classification into a waste category must be carried out in accordance with the German EAVK directive. List of proposals for waste codes / waste designations according to the CED

13.1 Waste treatment methods Disposal of product / packaging

Waste code / waste designations according to EAK / AVV code

Product waste code

13 02 05 * - non-chlorinated mineral-based engine, gear and lubricating oils. **Packaging waste code**

15 01 02 - plastic packaging.

13.2 Further information

These individual identification numbers have been assigned from the most common uses of the material, allowing the release of pollutants to be neglected during a specific use.

SECTION 14: Transport information

14.1 UN number

The product is not a dangerous product according to the regulations applicable to transport.

14.2 UN proper shipping name

The product is not a dangerous product according to the regulations applicable to transport.

14.3 Transport hazard class (es)

The product is not a dangerous product according to the regulations applicable to transport.

14.4 Packing group

The product is not a dangerous product according to the regulations applicable to transport.

14.5 Environmental hazards

The product is not a dangerous product according to the regulations applicable to transport.

14.6 Special precautions to be taken by the user

Any

14.7 Bulk transport in accordance with Annex II of the Marpol Convention and the IBC Code

Transport in bulk containers is prohibited according to the IMDG Code.

SECTION 15: Regulatory information

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

EU regulations

Authorizations and limits of use

Explanatory note on the occupancy limit

Take into account the restrictions provided for in the law on the protection of young workers (94/33 / EC).

National guidelines

AT: Labeling according to Austrian regulations (chemical law / chemV).
CH: Please note chemical law / ChemV and Chem RRV according to Swiss regulations.

Explanatory note on the occupancy limit

Take into account the restrictions provided for in the law on the protection of young workers (94/33 / EC).
Take into account the restrictions provided for by the decree relating to the protection of mothers (92/85 / EEC) concerning pregnant or breastfeeding women.

Störfallverordnung

Not subject to the StörfallVO (Technical Defects Ordinance). **Aquatic risk class (WGK)**

Classification according to AwSV - Class: 1 (Presents a low danger to water.)

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this substance.

SECTION 16: Other information

16.1 Change indications

08. Limit values at the workplace · 15. Störfallverordnung · 15. Water hazard class (WGK)

16.2 Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
AOX: adsorbable halogenated organic compounds
AwSV: German Ordinance on Plants for the Treatment of Substances Hazardous to Water CAS: Chemical Abstracts Service (subdivision of the American Chemical Society)
CLP: Regulation (EC) No. 1272/2008 relating to the classification, labeling and packaging of substances and mixtures (Classification Labeling and Packaging)
EAK / AVV: European waste catalog / European waste list ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

IATA: International Air Transport Association ICAO: International Civil Aviation Organization

IMDG: International Maritime Code for Dangerous Goods RID: Regulations concerning the international transport of dangerous goods by rail
TRGS: German technical regulations for hazardous substances VbF: German regulations on flammable liquids
VOC: volatile organic compound
VwVwS: Administrative instruction on substances dangerous for water WGK: Class of danger for water

16.3 Literary references and important sources of data

DGUV: German social insurance for accidents at work and occupational diseases, GESTIS substance database

ECHA: Classification and labeling inventory ECHA: Pre-registered substances
ECHA: Registered substances
Suppliers CE Safety Data Sheets
ESIS: European information system on chemical substances GDL: Database on dangerous substances of the countries
UBA Rigoletto: Database of the German Federal Office for the Environment on substances hazardous to water

Regulation (EC) No 1907/2006 of the European Parliament and of the Council
Regulation (EC) No 1272/2008 of the European Parliament and of the Council

16.4 Classification of mixtures and evaluation method used according to Regulation (EC) No. 1272/2008 [CLP]

No available information.

16.5 Text of H- and EUH phrases (Number and full text)

H304 May be fatal if swallowed and enters airways.

16.6 Professional internship indications

Any

16.7 Further information

Any

The information in this safety data sheet corresponds to our current knowledge at the time of printing. This information is intended to provide points of reference for safe handling of the product covered by this safety data sheet, in particular concerning its storage, use, transport and disposal. The indications are not applicable to other products. Insofar as the product is mixed or processed with other materials, this safety data sheet is not automatically valid for the material thus produced.