

MPA 5010 / MPA 9010

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Product code: 11912-0021

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
8042-47-5	White mineral oil (petroleum)			10 - 20 %
	232-455-8		01-2119487078-27	
	Asp. Tox. 1; H304			
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha			10 - 20 %
	918-481-9	649-327-00-6	01-2119457273-39	
	Asp. Tox. 1; H304			

Full text of H and EUH statements: see section 16.

Further Information

According to note P to the regulation (EC) no. 1272/2008, "Solvent naphta (petroleum)" is not to be classified as "carcinogenic" or "mutagen" ingredient because a benzene content (EINECS No. 200-753-7) is below 0.1 % by weight.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove and wash contaminated clothing before re-use.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.
In the event of persistent symptoms receive medical treatment.

After contact with skin

Wash off thoroughly with water.
If skin irritation or rash occurs: Get medical advice/ attention.

After contact with eyes

Remove contact lens.
Rinse thoroughly with plenty of water, also under the eyelids.
In the event of persistent symptoms receive medical treatment.

After ingestion

Give plenty of water to drink in small sips.
Do not induce vomiting.
Seek medical treatment immediately.

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

Symptoms of poisoning may not occur for many hours.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Fire may produce: toxic gases/vapours, carbon dioxide (CO₂), carbon monoxide (CO), Nitrogen oxides

(NO_x).

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

In case of fire, wear suitable respiratory equipment with positive air supply.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Avoid contact with eyes and skin.

High risk of slipping due to leakage/spillage of product.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).

Stop leak if safe to do so.

Do not discharge into the drains/surface waters/ground water.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder).

Take up mechanically and collect in suitable container for disposal.

Waste disposal according to local regulations.

6.4. Reference to other sections

Information for safe handling look up chapter 7.

Information for personal protective equipment look up chapter 8.

Information for disposal see section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Ensure adequate ventilation, especially in confined areas.

Avoid contact with the skin and the eyes.

When using do not eat, drink or smoke.

Storing of food in workroom forbidden.

Follow the directions.

Advice on protection against fire and explosion

No information available.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Store only in original container at cool and aired place.

Advice on storage compatibility

No information available.

Further information on storage conditions

Store at ambient temperature.

7.3. Specific end use(s)

Polishing agent

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Additional advice on limit values**

No data available.

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8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

Keep away from food, drink and animal feeding stuffs.

Contaminated work clothing should not be allowed out of the workplace.

Eye/face protection

In case of eye contact wear safety goggles or face protection

Hand protection

Protective gloves (EN 374)

Solvent-resistant gloves (butylrubber), 0,5 mm. Breakthrough time: < 120min.

Skin protection cream.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Wear suitable protective clothing.

Safety Shoes.

Long sleeved clothing (EN 368).

Respiratory protection

No personal respiratory protective equipment normally required.

Use suitable breathing apparatus if there is inadequate ventilation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	paste, Liquid
Colour:	Various, depending on coloration
Odour:	characteristic

Test method

pH-Value: Not determined.

Changes in the physical state

Melting point: Not determined.

Initial boiling point and boiling range: Not determined.

Flash point: > 63 °C

Flammability: Not determined.

Explosive properties: The product is not explosive.

Lower explosion limits: Not determined.

Ignition temperature: Not determined.

Auto-ignition temperature: Not determined.

Decomposition temperature: Not determined.

Oxidizing properties: Non oxidizing.

Vapour pressure: Not determined.

Density (at 20 °C): 1 - 1,1 g/cm³

Water solubility:
(at 20 °C) Miscible.

Solubility in other solvents: Not determined.

Partition coefficient: Not determined.

Viscosity / dynamic: 3000-10000 mPa·s

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Viscosity / kinematic:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solvent content:	Not determined.

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product has not been tested.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Not known.

10.6. Hazardous decomposition products

No decomposition if used as directed.

Fire may produce: toxic gases/vapours, carbon dioxide (CO₂), carbon monoxide (CO), Nitrogen oxides (NO_x).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

The product has not been tested.

Acute toxicity

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

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
8042-47-5	White mineral oil (petroleum)				
	oral	LD50	> 5000 mg/kg	Rat	
	dermal	LD50	> 2000 mg/kg	Rabbit	
	inhalative (4 h) vapour	LC50	> 5 mg/l	Rat	
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha				
	oral	LD50	>5000 mg/kg		
	dermal	LD50	>5000 mg/kg		
	inhalative (4 h) vapour	LC50	>20 mg/l	Rat	

Irritation and corrosivity

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

Sensitising effects

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

STOT-single exposure

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

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Severe effects after repeated or prolonged exposure

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

Aspiration hazard

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

Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

SECTION 12: Ecological information

12.1. Toxicity

The product has not been tested.

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
8042-47-5	White mineral oil (petroleum)					
	Acute fish toxicity	LC50	> 100 mg/l	96 h	Oncorhynchus mykiss	
	Acute algae toxicity	ErC50	> 100 mg/l	72 h	Pseudokirchneriela subcapitata	
	Acute crustacea toxicity	EC50	> 10000 mg/l	48 h	Daphnia magna (water flea)	
	Fish toxicity	NOEC	> 1000 mg/l	28 d	Oncorhynchus mykiss	
	Crustacea toxicity	NOEC	10 mg/l	21 d	Daphnia magna	
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha					
	Acute fish toxicity	LC50	>100 mg/l	96 h		

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha			
		70-80%	28	

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
8042-47-5	White mineral oil (petroleum)	> 6
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	5,5-7,2

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

Hazardous water pollutant.

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Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains.
Where possible recycling is preferred to disposal.
Disposal in accordance with local regulations.
The waste code number must be agreed with the disposer / manufacturer / competent authority.

Contaminated packaging

Empty receptacle completely.
Uncontaminated packaging may be reused.
Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

Land transport (ADR/RID); Marine transport (IMDG); Air transport (ICAO); Inland waterways transport (ADN)

14.1. UN number:

No hazardous material as defined by the transport regulations.

14.2. UN proper shipping name:

No hazardous material as defined by the transport regulations.

14.3. Transport hazard class(es):

No hazardous material as defined by the transport regulations.

14.4. Packing group:

No hazardous material as defined by the transport regulations.

14.5. Environmental hazards

No hazardous material as defined by the transport regulations.

14.6. Special precautions for user

No hazardous material as defined by the transport regulations.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No hazardous material as defined by the transport regulations.

SECTION 15: Regulatory information

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

EU regulatory information

2010/75/EU (VOC): 12 g/l

National regulatory information

Water contaminating class (D): 2 - water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

Changes in chapter: -

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
IMDG = International Maritime Code for Dangerous Goods
IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
MARPOL = International Convention for the Prevention of Pollution from Ships
IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
CAS = Chemical Abstract Service
EN = European norm
ISO = International Organization for Standardization
DIN = Deutsche Industrie Norm
PBT = Persistent Bioaccumulative and Toxic
vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose
LC = Lethal concentration
EC = Effect concentration
IC = Median immobilisation concentration or median inhibitory concentration

Relevant H and EUH statements (number and full text)

H304	May be fatal if swallowed and enters airways.
EUH210	Safety data sheet available on request.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)