

DEGREASER WATER BASE IN SPRAY

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

1.1 - Product identifier

Trade name/designation DEGREASER WATER BASE IN SPRAY

Chemical name

Product-type Mixture

Product code 36021

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

Uses advised against - Not suitable for home work (DIY).

1.3 - Details of the supplier of the safety data sheet

MIX PLAST SARL

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1.4 - Emergency telephone number

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

Flam. Liq. 3	Flammable liquid and vapour. - Category 3
Eye Irrit. 2	Eye irritation - Category 2

2.2 - Label elements

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

Signal word : Warning

Hazard pictograms



Hazard statements

H226	Flammable liquid and vapour
H319	Causes serious eye irritation

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves, eye protection, face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.



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P501	Dispose of contents, container in an approved treatment center .
EUH-phrases	: None

2.3 - Other hazards

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class	Spec. concentrations
propan-2-ol, isopropyl alcohol, isopropanol	CAS No. : 67-63-0 Index No. : 603-117-00-0 EC No. : 200-661-7	>= 12,5 - < 15	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 (H336) - H336	Not applicable
1-methoxy-2-propanol, monopropylene glycol methyl ether	CAS No. : 107-98-2 Index No. : 603-064-00-3 EC No. : 203-539-1	>= 3 - < 5	Flam. Liq. 3 - H226 STOT SE 3 (H336) - H336	Not applicable
2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve	CAS No. : 111-76-2 Index No. : 603-014-00-0 EC No. : 203-905-0	>= 0,5 - < 1	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Inhalation - H332 Acute Tox. 4 Oral - H302 Eye Irrit. 2 - H319 Skin Irrit. 2 - H315	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

<u>Following inhalation</u>	- Remove casualty to fresh air and keep warm and at rest.
<u>Following skin contact</u>	- Take off immediately all contaminated clothing and wash it before reuse. - After contact with skin, wash immediately with plenty of water and soap. - When in doubt or if symptoms are observed, get medical advice.
<u>After eye contact</u>	- Rinse immediately carefully and thoroughly with eye-bath or water. - Call a physician immediately. - Protect uninjured eye.
<u>After ingestion</u>	- Rinse mouth thoroughly with water. - Do NOT induce vomiting. - Call a physician immediately.

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

<u>Symptoms and effects - Following inhalation</u>	- No information available.
<u>Symptoms and effects - Following skin contact</u>	- No information available.
<u>Symptoms and effects - After eye contact</u>	- No information available.
<u>Symptoms and effects - After ingestion</u>	- No information available.

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

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- In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

SECTION 5: Firefighting measures

5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	- ABC-powder - Carbon dioxide (CO ₂) - Foam - Extinguishing powder
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<u>Unsuitable extinguishing media</u>	- Full water jet - Water spray jet
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5.2 - Special hazards arising from the substance or mixture

<u>Special hazards arising from the substance or mixture</u>	- In case of fire and/or explosion do not breathe fumes. - Hazardous combustion products
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<u>Hazardous decomposition products</u>	- No information available.
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5.3 - Advice for firefighters

- Wear a self-contained breathing apparatus and chemical protective clothing.
- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

<u>For non-emergency personnel</u>	- Remove all sources of ignition. - Wear personal protection equipment (refer to section 8). - Remove persons to safety. - Provide adequate ventilation.
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<u>For emergency responders</u>	- Wear personal protection equipment (refer to section 8).
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6.2 - Environmental precautions

- Do not allow to enter into soil/subsoil.
- Do not allow to enter into surface water or drains.
- Retain contaminated washing water and dispose it.
- In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 - Methods and material for containment and cleaning up

<u>Methods and material for containment</u>	- Soak up inert absorbent and dispose as waste requiring special attention.
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<u>Methods and material for cleaning up</u>	- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). - Wash with plenty of water.
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<u>Inappropriate techniques</u>	- No information available.
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6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation

- It is recommended to design all work processes always so that the following is excluded: Generation/formation of dust
- It is recommended to design all work processes always so that the following is excluded: generation/formation of aerosols
- Vapours can form explosive mixtures with air.
- When using do not smoke.
- Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.
- Use only in well-ventilated areas.
- Avoid: Inhalation of vapours or spray/mists
- Avoid: Skin contact
- Avoid: Eye contact

Advices on general occupational hygiene

- When using do not eat, drink, smoke, sniff.

7.2 - Conditions for safe storage, including any incompatibilities

- Storage class Flammable liquids
- Keep container tightly closed and in a well-ventilated place.
- Do not store together with: Combustible substance
- Protect against: Heat
- Do not store together with: Food and feedingstuffs

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

Appropriate engineering controls

- Provide adequate ventilation as well as local exhaust at critical locations.

Individual protection measures, such as personal protective equipment

- Suitable eye protection: Eye glasses with side protection



- DIN EN 166
- Suitable protective clothing: lab coat



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- Required properties: antistatic
- heat-resistant
- Tested protective gloves must be worn



- When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.



- DIN EN 374
- Suitable material: FKM (fluoro rubber)
- Suitable material: NBR (Nitrile rubber)
- Respiratory protection



- Combine filtering device (DIN EN 141)
- Use only respiratory protection equipment with CE-symbol including four digit test number.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

Physical state	Liquid	Appearance	milky liquid
Colour		Odour	alcohol
Odour threshold		No data available	
pH		No data available	
Melting point		No data available	
Freezing point		No data available	
Boiling point		No data available	
Flash point		33,5 °C EN ISO 13736	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		0,95 < V < 0,97 kg/l Internal method IPPSPC	
Density		No data available	
Solubility (Water)		No data available	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	



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Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

9.2 - Other information

VOC content	19,12 %
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- Keep away from heat.
- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Keep away from heat.
- Remove all sources of ignition.
- In case of warming: Ignition hazard

10.5 - Incompatible materials

- Explosive when mixed with oxidizing substances.
- or with
- Highly oxidising substances

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 - Information on toxicological effects

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

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

Toxicity : Substances

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)

LD50 oral (rat)	5050 mg/kg
LD50 dermal (rabbit)	12800 mg/kg

Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Eye irritation - Category 2 - Causes serious eye irritation

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.



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12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

12.6 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- Do not allow run-off from fire-fighting to enter drains or water courses.
<u>Community or national or regional provisions</u>	- Observe in addition any national regulations!

SECTION 14: Transport information

14.1 - UN number

<u>UN number (ADR)</u>	:	UN1263
<u>UN number (IMDG)</u>	:	UN1263
<u>UN number (IATA)</u>	:	UN1263

14.2 - UN proper shipping name

<u>UN proper shipping name (ADR)</u>	:	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) 640E
<u>UN proper shipping name (IMDG)</u>	:	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) 640E
<u>UN proper shipping name (IATA)</u>	:	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) 640E

14.3 - Transport hazard class(es)

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ADR Transport hazard class(es) : 3

ADR Classification code: : F1

Pictograms



Transport hazard class(es) (IMDG) : 3

Pictograms



Transport hazard class(es) (IATA) : 3

Pictograms



14.4 - Packing group

Packing group : III

Packing group (IMDG) : III

Packing group (IATA) : III

14.5 - Environmental hazards

Environmental hazards : No

Marine pollutant : No

14.6 - Special precautions for user



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ADR

ADR Classification code:	:	F1
ADR Special provisions	:	163+ 640E+650+367
ADR Limited quantity (LQ)	:	5 L
ADR Excepted quantities	:	E1
ADR Packing instructions	:	P001 IBC03 LP01 R001
ADR Special packing provisions	:	PP1
ADR Mixed packing provisions	:	MP19
Instructions for portable tanks and bulk containers	:	T2
Special provisions for portable tanks and bulk containers	:	TP1 TP29
ADR tank code	:	LGBF
ADR tanks special provisions	:	163 367 650
Vehicle for tank carriage	:	FL
ADR Transport category	:	3
ADR Tunnel restriction code	:	D/E
ADR Special provisions loading, unloading and handling	:	163 367 650
Special provisions - Packages	:	V12
Special provisions - Bulk	:	
Special provisions - Operation	:	S2
ADR Hazard identification number (Kemler No.)	:	30

IMDG

Special provisions	:	
Limited quantity (LQ)	:	
Excepted quantities	:	
Packing instructions	:	
Special packing provisions	:	
IBC instruction(s)	:	
IBC provisions	:	
Instructions for portable tanks and bulk containers	:	
Special provisions for portable tanks and bulk containers	:	
EmS codes	:	F-E , S-E
Stowage and handling	:	
Segregation	:	
Properties and observations	:	

IATA

PCA - Excepted quantities	:	
PCA - Limited Quantity - Packing Instructions	:	
PCA - Limited Quantity - Maximum Net Quantity per Package	:	
PCA - Packing Instructions	:	355
PCA - Maximum Net Quantity per Package	:	
CAO - Packing Instructions	:	366
CAO - Maximum Net Quantity per Package	:	
Special Provisions	:	A3 A72 A192
ERG Code	:	3L

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



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SECTION 15: Regulatory information

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

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content 19,12 %

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

Additional information Product restrictions:
Restriction 3
Restriction 40

SECTION 16: Other information

SDS versions

Version	Issue date	Description of the amendments
4	26/08/2019	SECTION 1 SECTION 9: Flash point and its method.
3	06/06/2018	SECTION 1: Identification of the substance / mixture and of the company / undertaking SECTION 2: Hazard identification SECTION 3: Composition / information on ingredients SECTION 4: First aid SECTION 6: Accidental release measures SECTION 7: Handling and storage SECTION 8: Exposure controls / personal protection SECTION 9: Physical and chemical properties SECTION 11: Toxicological information SECTION 12: Ecological Information SECTION 13: Disposal considerations SECTION 14: Transport information SECTION 15: Regulatory information SECTION 16: Other information

Texts of the regulatory sentences

Acute Tox. 4 Dermal	Acute toxicity (dermal) - Category 4
Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Eye Irrit. 2	Eye irritation - Category 2
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H302	Harmful if swallowed



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H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
Skin Irrit. 2	Irritation, Category 2
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

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