

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.12.2022

Version number 3 (replaces version 2)

Revision: 13.12.2022

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

- 1.1 Product identifier

- Trade name: **EXTREME BLACK**

- UFI: R8F0-Y069-000T-FDPG

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

- Life cycle stages PW Widespread use by professional workers

- Sector of Use SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

- Product category PC31 Polishes and wax blends

- Application of the substance / the mixture Wetting agent

- Uses advised against

The mixture is not recommended for industrial, professional and consumer applications not specified as relevant identified uses

- 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

MA-FRA S.p.A. a Socio Unico

Via Aquileia, 44/46

20021 Baranzate (MI) ITALIA

Tel. +39 023569981

www.mafra.com

mafra@mafra.it

- Informing department:

E-mail: lab@mafra.it

info@mafra.it

- 1.4 Emergency telephone number: In case of accident call the emergency number 112

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008



flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

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- 2.2 Label elements**- Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.

- Hazard pictograms

GHS02 GHS07 GHS08 GHS09

- Signal word *Danger***- Hazard-determining components of labelling:***Hydrocarbons, C6, isoalkanes***- Hazard statements***H225 Highly flammable liquid and vapour.**H315 Causes skin irritation.**H336 May cause drowsiness or dizziness.**H304 May be fatal if swallowed and enters airways.**H411 Toxic to aquatic life with long lasting effects.***- Precautionary statements***P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.**P321 Specific treatment (see on this label).**P331 Do NOT induce vomiting.**P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].**P362+P364 Take off contaminated clothing and wash it before reuse.**P405 Store locked up.**P501 Dispose of contents/container in accordance with local/regional/national/international regulation***- 2.3 Other hazards****- Results of PBT and vPvB assessment****- PBT:** Not applicable.**- vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- 3.2 Mixtures**- Description:** Mixture of substances**- Dangerous components:**

CAS: 64742-49-0	Hydrocarbons, C6, isoalkanes	70-100%
EINECS: 265-151-9		
Reg.nr.: 012119484651-34		

- Additional information For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures**- General information***Take affected persons into the open air.**Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.***- After inhalation***In case of unconsciousness bring patient into stable side position for transport.**Supply fresh air; consult doctor in case of symptoms.**Call a doctor immediately.*

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*Supply fresh air.***- After skin contact***Instantly wash with water and soap and rinse thoroughly.**If skin irritation continues, consult a doctor.***- After eye contact** *Rinse opened eye for several minutes under running water.***- After swallowing** *Call a doctor immediately.***- 4.2 Most important symptoms and effects, both acute and delayed***Dazed**Unconsciousness***- 4.3 Indication of any immediate medical attention and special treatment needed***If swallowed, gastric irrigation**Medical supervision for at least 48 hours***SECTION 5: Firefighting measures****- 5.1 Extinguishing media****- Suitable extinguishing agents***CO₂. Do not use water.**Use fire fighting measures that suit the environment.***- For safety reasons unsuitable extinguishing agents***Water.**Water with a full water jet.***- 5.2 Special hazards arising from the substance or mixture***Formation of toxic gases is possible during heating or in case of fire.**Can be released in case of fire**Carbon monoxide (CO)***- 5.3 Advice for firefighters****- Protective equipment:***Do not inhale explosion gases or combustion gases.**Protection means for respiratory tract***- Additional information***Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.***SECTION 6: Accidental release measures****- 6.1 Personal precautions, protective equipment and emergency procedures***Keep people at a distance and stay on the windward side.**Bring persons out of danger.**Keep away from ignition sources**Protective gloves. (EN 374)***- For non-emergency personnel***Ensure adequate ventilation**Keep away from ignition sources**Wear protective clothing.***- For emergency responders***PVC gloves**Nitrile rubber, NBR***- 6.2 Environmental precautions:***Prevent material from reaching sewage system, holes and cellars.**Inform respective authorities in case product reaches water or sewage system.**Do not allow to enter drainage system, surface or ground water.***- 6.3 Methods and material for containment and cleaning up:***Ensure adequate ventilation.**Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).**Do not flush with water or aqueous cleansing agents**Dispose of the material collected according to regulations.*

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- 6.4 Reference to other sections

See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage**- 7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.
Take off immediately all contaminated clothing
Wash hands during breaks and at the end of the work.
Do not eat, drink or smoke while working.

- Information about protection against explosions and fires:

Highly volatile, flammable constituents are released during processing.
Do not spray on flames or red-hot objects.
Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.

- 7.2 Conditions for safe storage, including any incompatibilities**- Storage****- Requirements to be met by storerooms and containers:**

Store in cool location.
Store only in the original container.

- Information about storage in one common storage facility: Not required.**- Further information about storage conditions:**

Keep container tightly sealed.
Store in cool, dry conditions in well sealed containers.

- Class according to regulation on inflammable liquids: A 1**- 7.3 Specific end use(s) No further relevant information available.****SECTION 8: Exposure controls/personal protection****- 8.1 Control parameters****- Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- DNELs**64742-49-0 Hydrocarbons, C6, isoalkanes**

Oral	Systemic Long-term Effects	1,301 mg/Kg bw/day (Consumers)
Dermal	Systemic long-term effects	13,964 mg/Kg bw/day (Industrial Workers)
Inhalative	Systemic long-term effects	1,377 mg/Kg bw/day (Consumers)
		5,306 mg/m ³ (Industrial Workers)
		1,137 mg/m ³ (Consumers)

- Additional information: The lists that were valid during the compilation were used as basis.

- 8.2 Exposure controls**- Appropriate engineering controls** No further data; see item 7.**- Individual protection measures, such as personal protective equipment****- General protective and hygienic measures**

Keep away from foodstuffs, beverages and food.
Take off immediately all contaminated clothing
Wash hands during breaks and at the end of the work.
Avoid contact with the skin.
Avoid contact with the eyes and skin.

- Breathing equipment: Not necessary if room is well-ventilated.

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- Hand protection

Protective gloves. (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- Material of gloves

PVC gloves

Nitrile rubber, NBR

- Penetration time of glove material

For the mixture of chemicals mentioned below the penetration time has to be at least 15 minutes (Permeation according to EN 16523-1:2015: Level 1).

- Eye/face protection

Tightly sealed safety glasses.

- Environmental exposure controls Disposal must be made according to official regulations.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties**- General Information****- Physical state**

Fluid

- Colour:

Red

- Odour:

Characteristic

- Odour threshold:

Not determined.

- Melting point/freezing point:

Not determined

- Boiling point or initial boiling point and boiling range

138 °C

- Flammability

Highly flammable.

- Lower and upper explosion limit**- Lower:**

1.3 Vol % (64742-49-0 Hydrocarbons, C6, isoalkanes)

- Upper:

10.5 Vol % (64742-49-0 Hydrocarbons, C6, isoalkanes)

- Flash point:

10 °C

- Ignition temperature:

405 °C (64742-49-0 Hydrocarbons, C6, isoalkanes)

- Decomposition temperature:

Not determined.

- pH

Mixture is non-soluble (in water).

- Viscosity:**- Kinematic viscosity**

Not determined.

- dynamic:

Not determined.

- Solubility**- Water:**

Not miscible or difficult to mix

- Partition coefficient n-octanol/water (log value)

Not determined.

- Vapour pressure at 20 °C:

3.1 hPa (64742-49-0 Hydrocarbons, C6, isoalkanes)

- Density and/or relative density**- Density at 20 °C**0.73 g/cm³**- Relative density**

Not determined.

- Vapour density

Not determined.

- 9.2 Other information**- Appearance:****- Form:**

Fluid

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- Important information on protection of health and environment, and on safety.	
- Self-inflammability:	Product is not selfigniting.
- Explosive properties:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
- Change in condition	
- Evaporation rate	Not determined.
- Information with regard to physical hazard classes	
- Explosives	Void
- Flammable gases	Void
- Aerosols	Void
- Oxidising gases	Void
- Gases under pressure	Void
- Flammable liquids	Highly flammable liquid and vapour.
- Flammable solids	Void
- Self-reactive substances and mixtures	Void
- Pyrophoric liquids	Void
- Pyrophoric solids	Void
- Self-heating substances and mixtures	Void
- Substances and mixtures, which emit flammable gases in contact with water	Void
- Oxidising liquids	Void
- Oxidising solids	Void
- Organic peroxides	Void
- Corrosive to metals	Void
- Desensitised explosives	Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity Stable under normal conditions
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: Stable at ambient temperature
- 10.3 Possibility of hazardous reactions
Danger of containers bursting because of high vapour pressure
Flammable
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: Flammable
- 10.6 Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity

- LD/LC50 values that are relevant for classification:

64742-49-0 Hydrocarbons, C6, isoalkanes

Oral	LD50	>2,000 mg/Kg (Mouse)
Dermal	LD50	>2,000 mg/Kg (Mouse)

63148-62-9 Poly (dimethylsiloxane)

Oral	LD50	>15,400 mg/Kg (Rat)
Dermal	LD50	>2,000 mg/Kg (Rabbit)
		>2,000 mg/Kg (Rat)

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120-51-4 Benzyl benzoate

Oral	LD50	>2,000 mg/Kg (Rat)
Dermal	LD50	>2,000 mg/Kg (Rabbit) 4,000 mg/Kg (Rat)

- **Skin corrosion/irritation** Causes skin irritation.
- **STOT-single exposure** May cause drowsiness or dizziness.
- **Aspiration hazard** May be fatal if swallowed and enters airways.
- **11.2 Information on other hazards**

- Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information**- 12.1 Toxicity****- Aquatic toxicity:****64742-49-0 Hydrocarbons, C6, isoalkanes**

EC50 (72h) 55 mg/L (Algae)

63148-62-9 Poly (dimethylsiloxane)

EC50 (48h) >200 mg/L (Daphnia)

120-51-4 Benzyl benzoate

LC50 (96h) 2.32 mg/L (Fish)

EC50 (48h) 3.09 mg/L (Daphnia)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must be specially treated under adherence to official regulations.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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SECTION 14: Transport information

- 14.1 UN number or ID number - ADR, IMDG, IATA	UN1268
- 14.2 UN proper shipping name - ADR - IMDG - IATA	PETROLEUM DISTILLATES, N.O.S. (vapour pressure at 50°C not more than 110 kPa), ENVIRONMENTALLY HAZARDOUS PETROLEUM DISTILLATES, N.O.S. (HEXANES), MARINE POLLUTANT PETROLEUM DISTILLATES, N.O.S.
- 14.3 Transport hazard class(es) - ADR, IMDG	
 	
- Class - Label - IATA	3 Flammable liquids. 3
	
- Class - Label	3 Flammable liquids. 3
- 14.4 Packing group - ADR, IMDG, IATA	II
- 14.5 Environmental hazards: - Marine pollutant: - Special marking (ADR):	Product contains environmentally hazardous substances: HEXANES Yes Symbol (fish and tree) Symbol (fish and tree)
- 14.6 Special precautions for user - Kemler Number: - EMS Number: - Stowage Category	Warning: Flammable liquids. 33 F-E,S-E B
- 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
- Transport/Additional information: - ADR - Limited quantities (LQ) - Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
- Transport category - Tunnel restriction code - IMDG - Limited quantities (LQ) - Excepted quantities (EQ)	2 D/E 1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml

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SECTION 15: Regulatory information**- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****- Directive 2012/18/EU****- Named dangerous substances - ANNEX I** None of the ingredients is listed.**- Seveso category**

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

- Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t**- Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t**- National regulations****- Classification according to VbF: A 1****- Technical instructions (air):**

Class	Share in %
III	71.1

- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.**- 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information****- Relevant phrases**

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

- Department issuing data specification sheet: Ma-Fra Laboratories**- Contact:** lab@mafra.it**- Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

DNEL: Derived No-Effect Level (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

- * Data compared to the previous version altered.