

Safety data sheet according to (EC) No. 1907/2006.

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

1.1. Product identifier

Burner Firestarter

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

Firestarter.

1.3. Details of the supplier of the safety data sheet:

Burner International A/S

Vallensbækvej 40

Phone +45 36 70 69 36

DK-2605 Brøndby

Info@burner-international.com

Responsible person for the safety data sheet (e-mail): Info@burner-international.com

1.4. Emergency telephone number:

NHS (England or Wales): Dial 111 or 0845 4647 NHS 24 (Scotland): Dial 111

National Poisons Information Centre (Ireland): +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week).

Healthcare Professionals: +353 (1) 809 2566 (24-hour service)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

CLP (1272/2008): None

2.2. Label elements:

EUH208: Contains formaldehyde. May produce an allergic reaction.

EUH210: Safety data sheet available on request.

P102: Keep out of reach of children.

2.3. Other hazards:

PBT/vPvB: The ingredients are not considered PBT/vPvB according to criteria in Annex XIII.

Endocrine disrupting properties: The substances are not identified as having endocrine disrupting properties in accordance with the criteria set out in Regulation 2017/2100 or Regulation 2018/605.

SECTION 3: Composition/information on ingredients

3.2. Mixtures:

% w/w	Substance	CAS-no.	EC-no.	Index-no.	REACH-reg.	Classification	Note
<100	Hydrocarbons, C ₁₀₋₁₃ , n-alkanes, isoalkanes, cyclics, < 2% aromatics	-	918-481-9	-	01-2119457273-39	Asp. Tox. 1;H304	-
≤1	Sulphuric acid, mono-C ₁₂₋₁₄ (even numbered)-alkyl esters, compds. with ethanolamine	-	942-322-2	-	-	Acute Tox. 1;H302 Skin Irrit. 2;H315 Eye Dam. 1;H318 STOT SE 3;H335 Aquatic Chronic 3;H412	1
<0,1	Formaldehyde	50-00-0	200-001-8	605-001-00-5	-	Acute Tox. 3;H301 Acute Tox. 3;H311 Acute Tox. 3;H331 Skin Corr. 1B;H314 Eye Dam. 1;H318 Skin Sens. 1;H317 STOT SE 3;H335 Muta. 2;H341 Carc. 1B;H350	2

1) ATE (oral) = 500 mg/kg

2) SCL (Specific Concentration limits) for classification: Eye Irrit. 2;H319: 5% ≤ C < 25%; STOT SE 3;H335: C ≥ 5%; Skin Corr. 1B;H314: C ≥ 25%; Skin Irrit. 2;H315: 5% ≤ C < 25%; Skin Sens. 1;H317: C ≥ 0,2% (Harmonised classification).

ATE (oral) = 100 mg/kg; ATE (dermal) = 270 mg/kg; ATE (inhalation, vapours) = 0,57 mg/l

Wording of hazard statements - see section 16

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SECTION 4: First-aid measures

4.1. Description of first aid measures:

Inhalation: Move the affected person to fresh air. Keep at rest. If needed: get medical attention.
Skin contact: Remove contaminated clothing and wash with soap and water. In case of rash, wound, or other skin irritation: Seek medical advice.
Eye contact: Flush with water or physiological salt water for at least 15 minutes, holding eye lids open, remember to remove contact lenses, if any. If irritation persists: Seek medical advice.
Ingestion: Rinse mouth and drink plenty of water. Get medical attention.
Burns: Flush with water until pain ceases. Remove cloth that isn't burnt to the skin. If needed seek medical attention, continue to flush on the way.

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

Frequent contact with skin may cause sensitization. Symptoms are redness, swelling and itching

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

Show this safety data sheet to a physician or emergency ward.

SECTION 5: Firefighting measures

5.1. Extinguishing media:

Use water spray (never water jet), dry chemical, foam or carbon dioxide.

5.2. Special hazards arising from the substance or mixture:

Do not breathe smoke fumes. In case of fire, the product may form hazardous decomposition products such as oxides of carbon.

5.3. Advice for firefighters:

When entering burning area: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment - see section 8. Ventilate area. Remove sources of ignition.

6.2. Environmental precautions:

Do not empty into drains - see section 12. Inform appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up:

Place in a suitable container for disposal. Further handling of spillage - see section 13.

6.4. Reference to other sections:

See above.

SECTION 7: Handling and storage

7.1. Precautions for safe handling:

Avoid contact with skin and eyes. After use wash with soap and plenty of water. Keep away from fire, sparks and hot surfaces. No smoking.

7.2. Conditions for safe storage, including any incompatibilities:

Properly sealed container, in a well-ventilated area, at room temperature.

7.3. Specific end use(s):

See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters:

Occupational exposure limits (EH40/ed.2020):

<u>Substance</u>	<u>8-hour TWA</u>	<u>15-min STEL</u>	<u>Comments</u>
Formaldehyde	2 ppm = 2,5 mg/m ³	2 ppm = 2,5 mg/m ³	Carc

Carc: Capable of causing cancer and/or heritable genetic damage

DNEL/PNEC:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics are REACH registered, there are no available DNEL / PNEC for the substance.

8.2. Exposure controls:

Appropriate engineering controls: None particular.

Personal protective equipment:

Inhalation: Not relevant during normal use.

Skin: Normally not necessary. In case of prolonged or repeated work: Wear protective gloves (EN374) e.g. of nitrile.

Eyes: Not relevant during normal use. Safety goggles (EN166) when there is risk of product contact with eye.

Environmental exposure controls: None particular.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Physical state:	Solid
Colour:	White
Odour:	Characteristic
Melting point/freezing point (°C):	>-20
Boiling point or initial boiling point and boiling range (°C):	>160
Flammability (solid, gas):	Not relevant
Lower and upper explosion limit (vol-%):	Do not apply to solids
Flash point (°C):	>60-<93
Auto-ignition temperature (°C):	>200
Decomposition temperature (°C):	Not determined
pH:	Not determined
Kinematic viscosity (mm ² /s):	>20,5
Solubility:	Insoluble in water
Partition coefficient n-octanol/water (log value):	Not determined
Vapour pressure:	Not determined
Density and/or relative density:	1.0
Relative vapour density:	Not determined
Particle characteristics:	Not relevant
9.2. Other information:	None relevant

SECTION 10: Stability and reactivity

10.1. Reactivity:

No available data.

10.2. Chemical stability:

Stable under normal conditions - see section 7.

10.3. Possibility of hazardous reactions:

None known.

10.4. Conditions to avoid:

Avoid sparks, embers, and strong heating.

10.5. Incompatible materials:

Oxidisers.

10.6. Hazardous decomposition products:

In case of extensive heating the mixture may form hazardous decomposition product such as oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

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

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

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

Hazard class	Data (Hydrocarbons, C ₁₀₋₁₃ , n-alkanes, isoalkanes, cyclics, < 2% aromatics)	Test	Data source
Acute toxicity: Inhalation Dermal Oral	LC ₅₀ (rat) >5000 mg/kg LD ₅₀ (rabbit) >5000 mg/kg LD ₅₀ (rat) >5000 mg/kg	OECD 403 OECD 402 OECD 401	ECHA ECHA ECHA
Corrosion/irritation:	Skin irritation, no eye irritation, rabbit	OECD 404, 405	ECHA
Sensitization:	No sensibilisation, guinea pig	OECD 406	ECHA
CMR:	Ingen CMR-effects	Diverse	ECHA

Information on likely routes of exposure: Skin, lungs and gastrointestinal tract.

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SECTION 11: Toxicological information (continued)

Symptoms:

Inhalation: Inhalation of vapours is unlikely during normal use. Vapours may irritate the respiratory tract.
Skin: degreases skin, may cause irritation with redness.
Eyes: Eye contact unlikely during normal use. May cause irritation with redness.
Ingestion: Irritation of the mucous membranes in the mouth and gastrointestinal tract.
Chronic effects: Frequent contact with skin may cause sensitization. Symptoms are redness, swelling and itching. Frequent or repeated inhalation of even small amounts of organic solvents can result in damage of the liver, kidneys and central nervous system (brain damage).

11.2. Information on other hazards: None known.

SECTION 12: Ecological information

12.1. Toxicity:

Aquatic	Data (Hydrocarbons, C ₁₀₋₁₃ , n-alkanes, isoalkanes, cyclics, < 2% aromatics)	Test (Media)	Data source
Fish	LL ₅₀ (Oncorhynchus mykiss, 96h) = >1000 mg/l	OECD 203 (FW)	ECHA
Daphnia	EL ₅₀ (Daphnia magna, 48h) = >1000 mg/l	OECD 202 (FW)	ECHA
Algae	EL ₅₀ (Pseudokirchnerella sub. 72h) = >1000 mg/l	OECD 201 (FW)	ECHA

12.2. Persistence and degradability:

Hydrocarbons, C₁₀-C₁₃, n-alkanes, isoalkanes, cyclics, < 2% aromatics are readily biodegradable (>80%, 28d, ECHA)

12.3. Bioaccumulative potential:

No available/applicable data.

12.4. Mobility in soil:

No available/applicable data.

12.5. Results of PBT and vPvB assessment:

The ingredients are not considered PBT/vPvB according to criteria in Annex XIII.

12.6. Endocrine disrupting properties:

None known.

12.7. Other adverse effects:

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

Disposal should be according to local, state or national legislation. Dispose of through authority facilities or pass to chemical disposal company.

EWC-code:

16 03 06 (mixture itself)

15 02 03 (Paper towel, inert material etc. contaminated with the mixture)

SECTION 14: Transport information

Not dangerous goods (ADR/RID/IMDG/IATA).

14.1. UN number or ID number: None.

14.2. UN proper shipping name: None.

14.3. Transport hazard class(es): None.

14.4. Packing group: None.

14.5. Environmental hazards: No.

14.6. Special precautions for user: None.

14.7. Maritime transport in bulk according to IMO instruments: Not relevant.

SECTION 15: Regulatory information

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

None

15.2. Chemical safety assessment:

No CSR.

SECTION 16: Other information

Hazard statement mentioned in section 3:

H301: Toxic if swallowed.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H331: Toxic if inhaled.
H335: May cause respiratory irritation.
H341: Suspected of causing genetic defects.
H350: May cause cancer.
H412: Harmful to aquatic life with long lasting effects.

Abbreviations:

CMR = Carcinogenicity, mutagenicity and reproductive toxicity.
CSR = Chemical Safety Report
DNEL = Derived No-Effect Level
EC₅₀ = Effect Concentration 50 %
FW = Fresh Water
LC₅₀ = Lethal Concentration 50 %
LD₅₀ = Lethal Dose 50 %
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative, Toxic
PNEC = Predicted No-Effect Concentration
vPvB = very Persistent, very Bioaccumulative

Literature:

ECHA= European Chemical Agency Registration dossier

Training advice:

No special training is required. However, the user should be well instructed in the execution of the task, be familiar with this Safety Data Sheet and have normal training in the use of personal protective equipment.

Changes since the previous edition:

1, 2, 3, 5, 8, 9, 11, 12, 14 & 16

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