



Safety Data Sheet

acc. to OSHA HCS

Printing date 12/19/2023

Reviewed on 12/19/2023

* 1 Identification

Product identifier

Trade name: Extrablaze 100 2-Stroke
Article number: 2016900, 2016901, 2015699, 2018025

Product Description

Oil Type / Designation / Classification:

Uses advised against Use only for intended applications

Details of the supplier of the safety data sheet

Manufacturer/Supplier: Haltermann Carless UK Ltd
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United Kingdom
+44(0)1372 360000
msdsteam@h-c-s-group.com

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901 Wilshire Drive
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Troy, MI 48084
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Information department: Product Stewardship

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2 Hazard(s) identification

Classification of the substance or mixture

Flammable Liquids 1 H224 Extremely flammable liquid and vapor.
Skin Irritation 2 H315 Causes skin irritation.
Toxic to Reproduction 2 H361 Suspected of damaging fertility or the unborn child.
Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness.



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Aspiration Hazard 1
Aquatic Chronic 2

H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

Label elements
GHS label elements
Hazard pictograms

The product is classified and labeled in accordance to US OSHA.



Signal word

Danger

Hazard-determining components
of labeling:

Gasoline
propane, 2-ethoxy-2-methyl-

Hazard statements

H224 Extremely flammable liquid and vapor.
H315 Causes skin irritation.
H361 Suspected of damaging fertility or the unborn child.
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

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P301+P310 If swallowed: Immediately call a poison center/doctor.
P321 Specific treatment (see on this label).
P331 Do NOT induce vomiting.
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 regulations.

Classification system:
NFPA ratings (scale 0 - 4)



Health = 1
Fire = 4
Reactivity = 0

HMS-ratings (scale 0 - 4)



Health = 1
Fire = 4
Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.



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vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Description: Mixture: consisting of the following components.

Dangerous components:

CAS: 86290-81-5 Gasoline >70 - <90%

EINECS: 289-220-8 Flammable Liquids 1, H224; Toxic to Reproduction 2, H361; Aspiration Hazard 1, H304; Aquatic Chronic 2, H411; Skin Irritation 2, H315; Specific Target Organ Toxicity - Single Exposure 3, H336

CAS: 637-92-3 propane, 2-ethoxy-2-methyl- >10 - <30%

EINECS: 211-309-7 Flammable Liquids 2, H225; Specific Target Organ Toxicity - Single Exposure 3, H336

Additional information: REACH Registration Numbers quoted in this section are valid in the EU27/EEA only
For substances with a TLV-value see section 8.
Benzene < 0.1%, Toluene \geq 3% and n-Hexane < 3%

4 First-aid measures

Description of first aid measures

General information: Immediately remove any clothing soiled by the product.
Take affected persons out into the fresh air.
Take affected persons out of danger area and lay down.
Keep warm, position comfortably and cover well.

After inhalation: In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.
Immediately rinse with water.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Do not induce vomiting; immediately call for medical help.

Information for doctor:

Most important symptoms and effects, both acute and delayed Vapours may cause drowsiness and dizziness.
Prolonged contact may cause redness, irritation and dry skin.

Danger Aspiration hazard

Indication of any immediate medical attention and special treatment needed No further relevant information available.



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5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable

extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture

Containers can burst violently or explode when heated, due to excessive pressure build-up. The vapour is heavier than air, spreads along the ground and ignition at a greater distance is possible.

Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.
Wear fully protective suit.

Additional information

Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation

Environmental precautions:

Do not allow product to reach sewage system or any water course.
Prevent seepage into sewage system, workpits and cellars.
Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

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 disposal information.

Protective Action Criteria for Chemicals**PAC-1:**

86290-81-5 Gasoline: 200 ppm



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PAC-2:

86290-81-5 Gasoline: 1,000 ppm

PAC-3:

86290-81-5 Gasoline: 4000* ppm

7 Handling and storage

Handling:

Do not eat, drink or smoke when using this product.

Precautions for safe handling

Good personal hygiene procedures should be implemented.
Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Store in cool, dry place in tightly closed receptacles.
Keep away from heat and direct sunlight.
Open and handle receptacle with care.
Prevent formation of aerosols.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

Specific end use(s)

No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems:

No further data; see section 7.



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Control parameters

Components with limit values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituent has no known exposure limits.

86290-81-5 Gasoline

REL See Pocket Guide App. A

TLV Short-term value: 500 ppm

Long-term value: 300 ppm

A3

Additional information:

The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Do not eat, drink, smoke or sniff while working.

Avoid contact with the eyes and skin.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Pregnant women should strictly avoid inhalation or skin contact.

Ensure that washing facilities are available at the work place.

Do not ingest.

Breathing equipment:

Ensure good ventilation. This can be achieved by using a local exhaust or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

Short term filter device:

Filter AX

Protection of hands:

Protective gloves

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

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.



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<p>Penetration time of glove material</p> <p>Eye protection:</p> <p>Limitation and supervision of exposure into the environment</p>	<p>Nitrile rubber, NBR > 0,38 mm</p> <p>> 480 min (EN 374)</p> <p>Tightly sealed goggles</p> <p>Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.</p>
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*** 9 Physical and chemical properties**

Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Fluid
Color:	Orange
Odor:	Pungent
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	34.4-134.5 °C (93.9-274.1 °F) (ASTM D86)
Flash point:	<-30 °C (<-22 °F) (Closed cup, ASTM D93)
Flammability (solid, gaseous):	Not applicable.
Decomposition temperature:	Not determined.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Oxidizing properties	Not applicable.



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Vapor pressure at 37 °C (98.6 °F):	567 hPa (425.3 mm Hg) (ASTM D5191)
Density at 20 °C (68 °F):	15 g/cm ³ (125.175 lbs/gal) (ASTM D4052)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic at 40 °C (104 °F):	<20.5 mm ² /s
Solvent content:	
VOC content:	100.00 % 753 g/l / 6.3 lb/gal
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity	Stable at normal ambient temperatures and when used as recommended.
Chemical stability	
Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
Possibility of hazardous reactions	No dangerous reactions known.
Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition products:	Heating may generate the following products: Oxides of carbon.



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11 Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

86290-81-5 Gasoline: 2B

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

Toxicity Dangerous for the environment if discharged into watercourses

Aquatic toxicity: No further relevant information available.

Persistence and degradability biodegradable

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Toxic for fish

Additional ecological information:

General notes: Do not allow product to reach ground water, water course or sewage system, even in small quantities.



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Danger to drinking water if even extremely small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.
Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods

Recommendation: Waste is classified as hazardous waste
The generation of waste should be minimised or avoided wherever possible.
External recovery, treatment, recycling and disposal of waste should comply with all applicable local and/or national 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.

14 Transport information

UN-Number DOT, ADR/RID, IMDG, IATA	UN1203
UN proper shipping name DOT ADR/RID IMDG IATA	Gasoline 1203 MOTOR SPIRIT, ENVIRONMENTALLY HAZARDOUS MOTOR SPIRIT, MARINE POLLUTANT MOTOR SPIRIT










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Transport hazard class(es)	
DOT	
 	
Class	3 Flammable liquids
Label	3
<hr/>	
ADR/RID	
 	
Class	3 (F1) Flammable liquids
Label	3
<hr/>	
IMDG	
 	
Class	3 Flammable liquids
Label	3
<hr/>	
IATA	
	
Class	3 Flammable liquids
Label	3
Packing group	
DOT, ADR/RID, IMDG, IATA	II



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Environmental hazards:	Product contains environmentally hazardous substances: Gasoline
Marine pollutant:	Yes (DOT) Symbol (fish and tree)
Special marking (ADR/RID):	Symbol (fish and tree)
Special precautions for user	Warning: Flammable liquids
Hazard identification number (Kemler code):	33
EMS Number:	F-E,S-E
Stowage Category	E
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
DOT	
Quantity limitations	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
Remarks:	Special marking with the symbol (fish and tree).
ADR/RID	
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1203 MOTOR SPIRIT, 3, II, ENVIRONMENTALLY HAZARDOUS

15 Regulatory information

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

Sara

Section 355 (extremely hazardous substances):

None of the ingredient is listed.



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Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA (Toxic Substances Control Act):

86290-81-5 Gasoline: All components are ACTIVE

637-92-3 propane, 2-ethoxy-2-methyl-: ACTIVE

Hazardous Air Pollutants

None of the ingredients is listed.

Proposition 65

WARNING: Crude oil, gasoline, diesel fuel and other petroleum products can expose you to chemicals including toluene and benzene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These exposures can occur in and around oil fields, refineries, chemical plants, transport and storage operations such as pipelines, marine terminals, tank trucks and other facilities and equipment. For more information go to: www.P65Warnings.ca.gov/petroleum.

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenicity categories

EPA (Environmental Protection Agency)

637-92-3 propane, 2-ethoxy-2-methyl-: SC

TLV (Threshold Limit Value)

86290-81-5 Gasoline: A3

NIOSH-Ca (National Institute for Occupational Safety and Health)

86290-81-5 Gasoline



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Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Reasons for alterations New SDS format - version number reset to 1

Date of preparation / last revision

12/19/2023

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
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)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flammable Liquids 1: Flammable liquids – Category 1
Flammable Liquids 2: Flammable liquids – Category 2
Skin Irritation 2: Skin corrosion/irritation – Category 2
Toxic to Reproduction 2: Reproductive toxicity – Category 2
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3
Aspiration Hazard 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.