

SAFETY DATA SHEET
VOLTRONIC G30 OCTANE BOOSTER+

Page: 1

Compilation date: 20.04.2016

Revision No: 1

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

1.1. Product identifier

Product name: VOLTRONIC G30 OCTANE BOOSTER+

Product code: G30

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

Use of substance / mixture: Cleaner Lubricant additiv liquid

1.3. Details of the supplier of the safety data sheet

Company name: VOLTRONIC GMBH

Weidenweg 6

Bad Boll

73087

Germany

Tel: +49 7164 9030573

Fax: +49 7164 9039268

Email: info@voltronic-germany.com

1.4. Emergency telephone number

Emergency tel: +49 7164 9030573

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Liq. 3: H226; Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315

Most important adverse effects: Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H304: May be fatal if swallowed and enters airways.

H411: Toxic to aquatic life with long lasting effects.

Signal words: Danger

Hazard pictograms: GHS02: Flame

GHS08: Health hazard

GHS07: Exclamation mark

GHS09: Environmental

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SAFETY DATA SHEET
VOLTRONIC G30 OCTANE BOOSTER+

Page: 2



Precautionary statements: P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.
P273: Avoid release to the environment.
P280: Wear.
P301+312: IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell.
P302+352: IF ON SKIN: Wash with plenty of water/soap and water.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

HYDROCARBONS, C14-C18, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-30%) - REACH registered number(s): 05-2114132820-60-0000

EINECS	CAS	PBT / WEL	CLP Classification	Percent
920-360-0	64742-81-0	-	Asp. Tox. 1: H304	50-70%

2-ETHYL-1-HEXANOL

203-234-3	104-76-7	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	10-30%
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KEROSINE - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.

265-198-5	64742-94-5	-	Asp. Tox. 1: H304; Aquatic Chronic 2: H411	1-10%
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METHYLCYCLOPENTADIENMANGANTRICARBONYL - REACH registered number(s): 01-2119495971-23

235-166-5	12108-13-3	-	Acute Tox. 3: H301; Acute Tox. 1: H330; Aquatic Acute 1: H400; Acute Tox. 3: H311	1-10%
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POLYOLEFIN ALKYL PHENOL ALKYL AMINE

-	-	-	Skin Irrit. 2: H315	1-10%
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SAFETY DATA SHEET
VOLTRONIC G30 OCTANE BOOSTER+

Page: 3

NAPHTHALENE

202-049-5	91-20-3	-	Carc. 2: H351; Acute Tox. 4: H302; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be irritation and redness. The eyes may water profusely.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

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SAFETY DATA SHEET
VOLTRONIC G30 OCTANE BOOSTER+

Page: 4

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

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SAFETY DATA SHEET
VOLTRONIC G30 OCTANE BOOSTER+

Page: 5

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Environmental: The floor of the storage room must be impermeable to prevent the escape of liquids.
Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Yellow-tan

Odour: Characteristic odour

Evaporation rate: Negligible

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Kinematic viscosity: 2,0

Viscosity test method: Kinematic viscosity in 10⁻⁶ m²/s at 40°C (ISO 3104/3105)

Boiling point/range°C: 140

Flammability limits %: lower: 0,6

upper: 7,0

Flash point°C: 56

Autoflammability°C: 499

Vapour pressure: 80mbar

Relative density: 0,815

VOC g/l: 800

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

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SAFETY DATA SHEET
VOLTRONIC G30 OCTANE BOOSTER+

Page: 6

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

KEROSINE - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.

ORL	RAT	LDLO	5	ml/kg
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METHYLCYCLOPENTADIENMANGANTRICARBONYL

DERMAL	RBT	LD50	140	mg/kg
ORAL	RAT	LD50	58	mg/kg
VAPOURS	RAT	1H LC50	247	mg/l
VAPOURS	RAT	4H LC50	75	mg/l

NAPHTHALENE

ORL	MUS	LD50	316	mg/kg
ORL	RAT	LD50	490	mg/kg
SKN	RAT	LD50	>2500	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable in part only.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

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SAFETY DATA SHEET
VOLTRONIC G30 OCTANE BOOSTER+

Page: 7

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Use principally as a fuel or other means to generate energy. Solvent reclamation/regeneration.

Waste code number: 130703

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1268

14.2. UN proper shipping name

Shipping name: PETROLEUM PRODUCTS, N.O.S.
(HYDROCARBONS, C14-C18, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-30%));; KEROSENE - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

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SAFETY DATA SHEET
VOLTRONIC G30 OCTANE BOOSTER+

Page: 8

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H226: Flammable liquid and vapour.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H311: Toxic in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H330: Fatal if inhaled.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.