

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Hartland Buff Out

Version number: GHS 1.0

Date of compilation: 2015-05-18

1.1 Product identifier

Trade name

Hartland Buff Out

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

Relevant identified uses

vehicle compound and wax

1.3 Details of the supplier of the safety data sheet

Hartland Lubricants & Chemicals
2455 Commercial Drive
Sparta WI 54656
608-487-9770

1.4 Emergency telephone number

Emergency information service PERS

USA 1.800.633.8253

24 hour emergency telephone number.

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Annex	Hazard class and category	Hazard statement code(s)		
A.7	reproductive toxicity	Cat. 2	(Repr. 2)	H361f
A.10	aspiration hazard	Cat. 1	(Asp. Tox. 1)	H304

Remarks

For full text of H-phrases: see SECTION 16.

Hazards not otherwise classified

Very toxic to aquatic life with long lasting effects (GHS category 1: aquatic toxicity - acute and chronic).

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Signal word

danger

Pictograms

GHS08



Hazard statements

H304

May be fatal if swallowed and enters airways.

H361f

Suspected of damaging fertility.

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Precautionary statements

Precautionary statements - prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - response

IF SWALLOWED: immediately call a POISON CENTER or doctor/physician.

IF exposed or concerned: get medical advice/attention.

Do NOT induce vomiting.

Precautionary statements - disposal

Dispose of contents/container to industrial combustion plant.

Hazardous ingredients for labelling

dimethylsiloxane cyclic tetramer, odorless mineral spirits, Distillates (petroleum), hydrotreated light

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

3.1 Substances

not relevant (mixture)

3.2 Mixtures

Description of the mixture

odorless mineral spirits	CAS No 64742-48-9	5 - < 10	B6 A2 A8D A10	Flam. Liq. 3 Skin Wit. 2 STOT SE 3 Asp. Tox. 1	H226 H315 H336 H304
Distillates (petroleum), hydrotreated light	CAS No 64742-47-8	5 - < 10	B.6 A.10	Flam. Liq. 4 Asp. Tox. 1	H227 H304
dimethylsiloxane cyclic tetramer	CAS No 556-67-2	1 - < 5	B.6 A.7	Ram. Liq. 3 Repr. 2	H226 H361f

For full text of abbreviations: see SECTION 16.

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4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

Provide fresh air.

Following skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

Following eye contact

Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

5.1 Extinguishing media

Suitable extinguishing media

water spray, alcohol resistant foam, BC-powder, carbon dioxide

(002) Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Explosive when mixed with combustible material.

Hazardous combustion products

nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

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6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains.

Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area. **Reference to other sections**

Hazardous combustion products: see section 5. Personal precautions: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

Incompatible substances or mixtures

Observe compatible storage of chemicals.

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Control of the effects

Protect against external exposure, such as
frost

7.3 Specific end use(s)

See section 16 for a general overview.

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

US	glycerin (mist)	56-81-5	PEL		15			29 CFR OSHA
US	glycerin (mist)	56-81-5	PEL		5			29 CFR OSHA
US	petroleum distillates (naphtha) (rubber solvent)	64742-48-9	PEL	500	2000			29 CFR OSHA

Notation

STEL

Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.

TWA

Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.

Relevant DNELs/DMELs/PNECs and other threshold levels

No data available.

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

• hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

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• other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

9.1 Information on basic physical and chemical properties

Appearance

Physical state liquid (viscous)

Color light yellow

Odor fruity

Other physical and chemical parameters

pH (value) 5.5 - 6 at 25 °C

Melting point/freezing point not determined

Initial boiling point and boiling range >65 °C at 1 atm

Flash point >100 °C at 101.3 Pa >212 °F at 1 atm (closed cup)

Evaporation rate not determined

Flammability (solid, gas) not relevant (fluid)

Explosive limits

• lower explosion limit (LEL) 0.7 vol%

• upper explosion limit (UEL) 19 vol%

Vapor pressure 132 Pa at 25 °C

Density not determined

Relative density 1.08 water = 1 at 25 °C

Solubility(ies)

Water solubility miscible in any proportion

Partition coefficient

n-octanol/water (log KOW) This information is not available.

Auto-ignition temperature 325 °C

Viscosity not determined

Explosive properties none

Oxidizing properties none

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10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions No

known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

Physical stresses which might result in a hazardous situation and have to be avoided

strong shocks

10.5 Incompatible materials

There is no additional information.

Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Summary of evaluation of the CMR properties

Suspected of damaging fertility.

Shall not be classified as carcinogenic.

Shall not be classified as germ cell mutagenic.

Carcinogenicity

- ingredients are listed

National Toxicology Program (United States): none of the

-

IARC Monographs none of the ingredients are listed

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Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ

toxicant. **Aspiration hazard**

May be fatal if swallowed and enters airways.

12.1 Toxicity

Aquatic toxicity (acute)

Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute) of components of the mixture

dimethylsiloxane cyclic tetramer	556-67-2	LC50	>22 Pg/i	fish	96 hours
dimethylsiloxane cyclic tetramer	556-67-2	EC50	>1000 mg/l	aquatic invertebrates	96 hours

Aquatic toxicity (chronic)

Aquatic toxicity (chronic) of components of the mixture

odorless mineral spirits	64742-48-9	EC50	15.41 mg/l	microorganisms	40 h
dimethylsiloxane cyclic tetramer	556-67-2	LC50	10 Pg/i	fish	14 d
dimethylsiloxane cyclic tetramer	556-67-2	EC50	>500 mg/l	aquatic invertebrates	24 h

12.2 Process of degradability

Data are not available.

Degradability of components of the mixture

dimethylsiloxane cyclic tetramer	556-67-2	carbon dioxide generation	3.7%	29d

12.3 Bioaccumulative potential

Data are not available.

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Bioaccumulative potential of components of the mixture

dimethylsiloxane cyclic tetramer	556-67-2	12400	4.45	

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

13.3 Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

14.1 UN number

(not subject to transport regulations)

14.2 UN proper shipping name 14.3

not relevant

Transport hazard class(es)

Class

14.4 Packing group

not relevant

14.5 Environmental hazards

none (non-environmentally hazardous acc. to the dangerous goods regulations)

14.6 Special precautions for user There

is no additional information.

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

The cargo is not intended to be carried in bulk.

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15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

SARA TITLE III (Superfund Amendment and Reauthorization Act)

List of Extremely Hazardous Substances (40 CFR 355) (EPCRA Section none of the ingredients are listed 302 and 304)

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System (American Coatings Association)

Chronic		Chronic (long-term) health effects may result from repeated overexposure.
Health	0	No significant risk to health.
Flammability	1	Materials that must be preheated before ignition can occur.
Physical hazard	0	Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.
Personal protective equipment		

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States) - National Fire Protection Association (United States)

Flammability	1	Materials that must be preheated before ignition can occur.
Health	0	Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material.
Instability	0	Materials that are normally stable, even under fire conditions.
Special hazard		

Proposition 65 List of chemicals

none of the ingredients are listed

Relevant European Union (EU) safety, health and environmental provisions

Classification according to GHS (127²/2008/EC, CLP)

Hazard class

reproductive toxicity
aspiration hazard
hazardous to the aquatic environment - chronic hazard

Category Hazard class and category

2 (Repr. 2)
1 (Asp. Tox. 1)
3 (Aquatic Chronic 3)

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16.2 Abbreviations and acronyms

29 CFR OSHA	29 CFR §1910.1001 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
Asp. Tox.	aspiration hazard
BCF	BioConcentration Factor
BOD	Biochemical Oxygen Demand
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
COD	chemical oxygen demand
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
Flam. Liq.	flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IARC Monographs	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans
log KOW	n-octanol/water
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NFPAO 704	National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)
NPCA-HMISS III	National Paint and Coatings Association: Hazardous Materials Identification System - HMISS III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	parts per million
Repr.	reproductive toxicity
Skin Corr.	corrosive to skin
Skin Irrit.	irritant to skin
STOT SE	specific target organ toxicity - single exposure
vPvB	very Persistent and very Bioaccumulative

16.3 Key literature references and sources for data

- OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200
- 49 CFR § 172.101 Hazardous Materials Table (DOT)

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16.4 Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards/Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

16.5

List of relevant phrases (code and full text as stated in chapter 2 and 3)

H226	flammable liquid and vapor
H227	combustible liquid
H304	may be fatal if swallowed and enters airways
H315	causes skin irritation
H336	may cause drowsiness or dizziness
H361f	suspected of damaging fertility

16.7

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.