

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 & 1272/2008 and Amendments

Issuing Date 02-Aug-2013

Revision Date 1-Oct-2013

Revision Number 1

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

1.1. Product identifier

Product Code(s) 902G, 904G, 916G, 932G, 902GCN, 904GCN, 916GCN, 932GCN, 904GEU, 9501G
Product Name Hoppe's Synthetic Blend Bore Cleaner

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

Recommended Use Firearms bore cleaner
Uses advised against None reasonably foreseeable

1.3. Details of the supplier of the safety data sheet

Company	Supplier	
Tri-Pac Inc 17336 M-60 East Vandalia, MI 49095 TEL: 269-476-2303 Fax: 267-476-2302	Bushnell Outdoor Products 4 Rue Diderot, 92150 Suresnes, France TEL: + 33 141 449 480	Bushnell Outdoor Products 9200 Cody Overland Park, KS 66214 TEL: +1 913 752 3550

For further information, please contact

E-mail Address No information available.

1.4. Emergency telephone number

Emergency Telephone Number +1 813 248 0573- Chemtel

Europe 112

Section 2. Hazards identification

2.1. - Classification of the substance or mixture

This product is not classified as hazardous, hence classification according to both Directive 1999/45/EC and its amendments, and Regulation (EC) No 1272/2008 and its amendments is not applicable. Safety Data Sheets do not have to be provided for non-hazardous products; however this information is provided as a courtesy to our customers in this format.

Physical Hazards

Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R-phrases mentioned in this Section, see Section 16

2.2. Label Elements

Signal Word None

Hazard Statements

None

Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children

2.3. Other information

Section 3. Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical Name	EC-No	CAS-No	Weight %	Classification	EU - GHS Substance Classification	REACH No.
Trade Secret (TSRN 1045-30512)	Listed	LISTED	<5	-		No data available
Trade Secret (TSRN 1042-2010)	Listed	LISTED	<10	-		No data available

For the full text of the R-phrases mentioned in this Section, see Section 16

For the full text of the H-Statements mentioned in this Section, see Section 16

Section 4. First aid measures

4.1. Description of first-aid measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Remove contaminated clothing and shoes.
Ingestion	Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Immediate medical attention is required.
Inhalation	No fumes are emitted when using this product. No adverse effects are anticipated from inhalation.
Protection of First-aiders	Use personal protective equipment.

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

Most Important Symptoms/Effects No information available.

4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

Section 5. Fire-fighting measures

5.1. Extinguishing media**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which must not be used for safety reasons

No information available.

5.2. Special hazards arising from the substance or mixture**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

None in particular.

5.3. Advice for firefighters**Special protective equipment for fire-fighters**

Cool closed containers exposed to fire with water spray. As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No action should be taken involving any personal risk or without suitable training. Evacuate personnel to safe areas. Deny entry to unauthorized and unprotected personnel.

6.2. Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways, and/ or groundwater.

6.3. Methods and materials for containment and cleaning up

Released content may be contained with absorbent pads, booms, and/or absorbents such as sand.

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

6.4. Reference to other sections

See Section 12 for additional information.

Section 7. Handling and storage

7.1. Precautions for Safe Handling

Handling

Keep out of reach of children. Use only with adequate ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid prolonged or repeated exposure. Handle in accordance with good industrial hygiene and safety practice.

Hygiene Measures

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

7.2. Conditions for safe storage, including any incompatibilities

Keep at temperatures above 32°F. Keep container closed when not in use.

7.3. Specific end use(s)

Exposure Scenario

No information available.

Other Guidelines

No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level

No information available

Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls

Engineering Measures	Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations. Ensure that eyewash stations and safety showers are close to the workstation location.
Personal protective equipment	
Eye Protection	Safety glasses with side-shields, Chemical splash goggles. or Face-shield.
Skin and Body Protection	No special protective equipment required.
Hand Protection	Protective gloves.
Respiratory Protection	No special protective equipment required.
Environmental Exposure Controls	No information available.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Liquid.	Appearance	Clear, amber colored
Odor	Distinct.		

Property	Values	Remarks/ - Method
pH	7.50	None known
Melting Point/Range	-2 °C / 28 °F	None known
Boiling Point/Boiling Range	100 °C / 212 °F	None known
Flash Point	None.	None known
Evaporation rate	< 1.0 (nBAc = 1)	None known
Flammability (solid, gas)	Not flammable.	None known
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	0.990 g/cc (H ₂ O=1)	None known
Specific Gravity	No data available	None known
Water Solubility	Completely soluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	> water	None known
Explosive Properties	No information available	
Oxidizing Properties	No information available	

9.2. Other information

VOC Content (%)	No information available
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Section 10. Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

This product will have an exothermic reaction with strong acid solutions

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong acid solutions

10.6. Hazardous decomposition products

None under normal use.

Section 11. Toxicological information
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11.1.**Acute Toxicity****Product Information****Inhalation**

No known hazard by inhalation.

Eye Contact

No known hazard by eye contact

Skin Contact

No known hazard in contact with skin.

Ingestion

No known hazard by swallowing.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Trade Secret (TSRN 1042-2010)	5830 mg/kg (mouse)	>2000 mg/kg (rat)	
Trade Secret (TSRN 1045-30512)	>2000 mg/kg (rat)		

Sensitization

None of the ingredients are known to cause sensitization.

Mutagenic Effects

Not regarded as mutagenic

Carcinogenic Effects

Contains no ingredient listed as a carcinogen

Reproductive Toxicity

Contains no ingredients that have suspected developmental hazards.

Developmental Toxicity

Contains no ingredients that have suspected developmental hazards.

STOT - single exposure

None of the ingredients are known to cause specific target organ effects from a single exposure.

STOT - repeated exposure

None of the ingredients are known to cause specific target organ effects through prolonged or repeated exposure.

Target Organ Effects

Eyes. Skin.

Aspiration Hazard

None of the ingredients are known to be an aspiration hazard.

Section 12. Ecological information

12.1. Toxicity**Ecotoxicity Effects**

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

>1000mg/L (LC50/Invertebrates/48h) 265-

351 mg/L (EC50/Aquatic Plants/96h)

12.2. Persistence and degradability

Product is biodegradable.

12.3. Bioaccumulative potential.

No information available.

12.4. Mobility in soil

Adsorbs on soil.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Other adverse effects

Section 13. Disposal considerations

13.1. Waste treatment methods**Waste from Residues / Unused Products**

Dispose of in accordance with the European Directives on waste and hazardous waste. Must comply with all local and national regulations. Do not dump in any sewers, on the ground, or into any body of water.

Contaminated Packaging

Consult with your local landfill to determine if empty small containers can be disposed of along with regular trash pickup. For disposal of large containers (typically 10 gallon or larger), or for containers not suitable for landfill, a licensed reconditioner should be used.

Section 14. Transport information

IMDG/IMO

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Marine Pollutant	None.
14.6. Special Provisions	None.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available.

RID

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

ADR

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

ICAO

14.1. UN-Number	Not regulated.
14.2. Proper shipping name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

IATA

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

Section 15. Regulatory information

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

TSCA	Complies
EINECS/ELINCS	-
DSL/NDSL	Complies
PICCS	-
ENCS	-
IECSC	-
AICS	-
KECL	-

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No information available

Section 16. Other information

Full text of R-phrases referred to under Sections 2 and 3

None

Key literature references and sources for datawww.ChemADVISOR.com/**Issuing Date**

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Revision Note Revision 1

This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006 & No. 1272/2008

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet