

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/30/2013

Reviewed on 01/30/2013

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

- **Product identifier**
- **Trade name:** BSPPG No. 6039 & No.6151 Pressure Washer Pump Saver (aerosol)
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation**
Lubricant
Corrosion inhibitors
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Manufactured for and Distributed by:
BRIGGS & STRATTON POWER PRODUCTS GROUP, LLC
Jefferson, WI 53549
Cortec Corporation
4119 White Bear Parkway
St. Paul, MN 55110 USA
Phone (651) 429-1100
Fax (651) 429-1122
- **Information department:**
info@cortecvci.com
Product safety department.
- **Emergency telephone number:** Chemtrec (for spill, leak, fire exposure or accident): 1-800-424-9300

2 Hazards identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Aerosol 1 H222 Extremely flammable aerosol.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC Void**
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Warning! Pressurized container.
- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** GHS02
- **Signal word** Danger
- **Hazard statements**
Extremely flammable aerosol.
- **Precautionary statements**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Pressurized container: Do not pierce or burn, even after use.
Do not spray on an open flame or other ignition source.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- **Additional information:** Void

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- Classification system
- NFPA ratings (scale 0-4)



- HMIS rating system (0-4)

HEALTH	1	Health = 1
FIRE	3	Flammability = 3
REACTIVITY	1	Reactivity = 1

- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

CAS: 75-28-5 EINECS: 200-857-2	isobutane F+ R12 Flam. Gas 1, H220; Press. Gas, H280	10-25%
CAS: 74-98-6 EINECS: 200-827-9	propane liquefied F+ R12 Flam. Gas 1, H220; Press. Gas, H280	10-25%
CAS: 111-76-2 EINECS: 203-905-0	butyl cellosolve Xn R20/21/22; Xi R36/38 Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; H227	2.5-10%

- Additional information For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- Description of first aid measures
- After inhalation Supply fresh air; consult doctor in case of complaints.
- After skin contact Immediately wash with water and soap and rinse thoroughly.
- After eye contact Rinse opened eye for several minutes under running water.
- After swallowing If symptoms persist consult doctor.
- Information for doctor
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
No further relevant information available.

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5 Firefighting measures

- Extinguishing media
- Suitable extinguishing agents
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- Protective equipment: Wear self-contained respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures



Wear protective equipment. Keep unprotected persons away.

- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: 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.

7 Handling and storage

- Handling
- Precautions for safe handling No special precautions are necessary if used correctly.
- Information about protection against explosions and fires:
Use explosion-proof apparatus / fittings and spark-proof tools.
Do not spray on a naked flame or any incandescent material.



Keep ignition sources away - Do not smoke.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

- Conditions for safe storage, including any incompatibilities
- Storage
- Requirements to be met by storerooms and receptacles:
Observe official regulations on storing packagings with pressurized containers.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed.
- 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 item 7.

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· Control parameters

· Components with limit values that require monitoring at the workplace:

57-55-6 propane-1,2-diol (50-100%)

WEEL 10 mg/m³

75-28-5 isobutane (10-25%)

TLV Short-term value: NIC-2370 mg/m³, NIC-1000 ppm
 Long-term value: (Varies) mg/m³, (1000) ppm

74-98-6 propane liquefied (10-25%)

PEL 1800 mg/m³, 1000 ppmREL 1800 mg/m³, 1000 ppmTLV Varies mg/m³, 1000 ppm

111-76-2 butyl cellosolve (2.5-10%)

PEL 240 mg/m³, 50 ppm
 Skin

REL 24 mg/m³, 5 ppm
 Skin

TLV 97 mg/m³, 20 ppm
 BEI

· Ingredients with biological limit values:

111-76-2 butyl cellosolve (2.5-10%)

BEI 200 mg/g creatinine
 Medium: urine
 Time: end of shift
 Parameter: Butoxyacetic acid with hydrolysis

· Additional information: The lists that were valid during the creation were used as basis.

· Exposure controls

· Personal protective equipment

· General protective and hygienic measures Wash hands before breaks and at the end of work.

· Breathing equipment:



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· 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

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection: Goggles recommended during refilling.

· Body protection: Protective work clothing.

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9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Aerosol

Color: Clear

· Odor: Mild

· Odour threshold: Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/Melting range: undetermined

Boiling point/Boiling range: Not applicable, as aerosol

· Flash point: Not applicable, as aerosol

· Flammability (solid, gaseous) Not applicable.

· Ignition temperature: Not determined

· Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Not determined.

· Explosion limits:

Lower: 1.7 Vol %

Upper: 12.6 Vol %

· Vapor pressure at 20 °C (68 °F): 8300 hPa (6226 mm Hg)

· Density at 20 °C (68 °F): 1.01-1.03 g/cm³ (8.428-8.595 lbs/gal) (for liquid)

· Relative density Not determined.

· Vapour density Not determined.

· Evaporation rate Not applicable.

· Solubility in / Miscibility with

Water: Partly miscible

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

dynamic: Not determined.

kinematic: Not determined.

· Solvent content:

Organic solvents: 79.3 %

Water: 3.8 %

Solids content: 6.0 %

· Other information

The above data are typical values and do not constitute a specification.
Vapor pressure data are calculated unless otherwise noted.

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10 Stability and reactivity

- Reactivity
- 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 No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
 - on the skin: Repeated or prolonged skin contact with this product may produce skin irritation.
 - on the eye: May be irritating.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:
- Carcinogenic categories

· IARC (International Agency for Research on Cancer)
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111-76-2 butyl cellosolve	3
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· NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behavior in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes:
 - Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
 - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects No further relevant information available.

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13 Disposal considerations

- Waste treatment methods
- Recommendation
Dispose of in accordance with local, state, and federal 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.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

- | | |
|---------------------------|---------------|
| · UN-Number | UN1950 |
| · DOT, ADR, IMDG, IATA | |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | AEROSOLS |
| · ADR | 1950 AEROSOLS |

- Transport hazard class(es)
- DOT



- | | |
|---------|-----|
| · Class | 2.1 |
| · Label | 2.1 |

- ADR, IMDG, IATA



- | | |
|---------|-----|
| · Class | 2.1 |
| · Label | 2.1 |

- | | |
|------------------------|----|
| · Packing group | |
| · DOT, ADR, IMDG, IATA | II |

- | | |
|--------------------------|----|
| · Environmental hazards: | |
| · Marine pollutant: | No |

- | | |
|--------------------------------|-----------------|
| · Special precautions for user | Not applicable. |
| · Danger code (Kemler): | 2.1 |

- | | |
|---|-----------------|
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
|---|-----------------|

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· UN "Model Regulation": UN1950, AEROSOLS, 2.1, II

15 Regulatory information

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

· SARA Section 355 (extremely hazardous substances)

None of the ingredients is listed.

· SARA Section 313 (specific toxic chemical listings)

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act)

All ingredients are listed.

· Prop 65 - Chemicals known to cause cancer

None of the ingredients is listed.

· Cancerogenity categories

· EPA (Environmental Protection Agency)

111-76-2 butyl cellosolve

CBD

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

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· GHS label elements The product is classified and labelled according to the Globally Harmonized System (GHS).

· Hazard pictograms GHS02

· Signal word Danger

· Hazard statements

Extremely flammable aerosol.

· Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Pressurized container: Do not pierce or burn, even after use.

Do not spray on an open flame or other ignition source.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

· National regulations

· Technical instructions (air):

Class	Share in %
Wasser	3.8
NK	79.3

· 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.

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

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DOT: US Department of Transportation
IATA: International Air Transport Association
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)

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