

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

Reviewed on August 6, 2015

## 1 Identification

- **Product identifier**
- **Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**
- **Article number: GO5A (1009452)**
- **Recommended use and restriction on use**
- **Recommended use:** Surface cleanser
- **Restrictions on use:** Contact manufacturer.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
Safariland, LLC  
13386 International Parkway  
Jacksonville, FL 32218  
Customer Care (800) 347-1200
- **Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924, +1 (813)248-0585



## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS04 Gas cylinder

Press. Gas H280 Contains gas under pressure; may explode if heated.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

STOT SE 2 H371-H336 May cause damage to the central nervous system and optic nerve. May cause drowsiness or dizziness.

STOT RE 2 H373 May cause damage to the hearing organs through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Acute Tox. 4 H312 Harmful in contact with skin.

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

- **Additional information:**

Repeated exposure may cause skin dryness or cracking.

There are no other hazards not otherwise classified that have been identified.

0 percent of the mixture consists of ingredient(s) of unknown toxicity.

(Contd. on page 2)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

Reviewed on August 6, 2015

**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 1)

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS04 GHS07 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

xylenes  
heptane  
methanol  
ethylbenzene  
acetone

- **Hazard statements**

H280 Contains gas under pressure; may explode if heated.  
 H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H351 Suspected of causing cancer.  
 H371-H336 May cause damage to the central nervous system and optic nerve. May cause drowsiness or dizziness.  
 H373 May cause damage to the hearing organs through prolonged or repeated exposure.  
 H304 May be fatal if swallowed and enters airways.

- **Precautionary statements**

P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P260 Do not breathe mist/vapors/spray.  
 P264 Wash thoroughly after handling.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P270 Do not eat, drink or smoke when using this product.  
 P271 Use only outdoors or in a well-ventilated area.  
 P301+P310 If swallowed: Immediately call a poison center/doctor.  
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P314 Get medical advice/attention if you feel unwell.  
 P330 Rinse mouth.  
 P331 Do NOT induce vomiting.  
 P302+P352 If on skin: Wash with plenty of water.  
 P405 Store locked up.  
 P410+P403 Protect from sunlight. Store in a well-ventilated place.

(Contd. on page 3)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

Reviewed on August 6, 2015

**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations. (Contd. of page 2)

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



Health = 1  
Fire = 4  
Reactivity = 3

- **HMIS-ratings (scale 0 - 4)**



Health = \*1  
Fire = 4  
Reactivity = 3

\* - Indicates a long term health hazard from repeated or prolonged exposures.

- **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:**

142-82-5	heptane <ul style="list-style-type: none"> <li>⚠ Flam. Liq. 2, H225</li> <li>⚠ Asp. Tox. 1, H304</li> <li>⚠ Skin Irrit. 2, H315; STOT SE 3, H336</li> </ul>	40-60%
1330-20-7	xylene <ul style="list-style-type: none"> <li>⚠ Flam. Liq. 3, H226</li> <li>⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315</li> </ul>	10-25%
67-64-1	acetone <ul style="list-style-type: none"> <li>⚠ Flam. Liq. 2, H225</li> <li>⚠ Eye Irrit. 2A, H319; STOT SE 3, H336</li> </ul>	10-25%
124-38-9	carbon dioxide <ul style="list-style-type: none"> <li>⚠ Press. Gas, H280</li> </ul>	< 10%
67-56-1	methanol <ul style="list-style-type: none"> <li>⚠ Flam. Liq. 2, H225</li> <li>⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331</li> <li>⚠ STOT SE 1, H370</li> </ul>	< 10%
100-41-4	ethylbenzene <ul style="list-style-type: none"> <li>⚠ Flam. Liq. 2, H225</li> <li>⚠ Carc. 2, H351; STOT RE 2, H373; Asp. Tox. 1, H304</li> <li>⚠ Acute Tox. 4, H332</li> </ul>	< 10%

(Contd. on page 4)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

Reviewed on August 6, 2015

**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 3)

· **Additional information:**

For the listed ingredient(s), the identity and exact percentage(s) are being withheld as a trade secret.

## 4 First-aid measures

· **Description of first aid measures**

· **General information:**

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Take affected persons out into the fresh air.

· **After inhalation:**

Supply fresh air.

Seek immediate medical advice.

Provide oxygen treatment if affected person has difficulty breathing.

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

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:**

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:**

A person vomiting while lying on their back should be turned onto their side.

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed**

Breathing difficulty

Coughing

Irritant to skin and mucous membranes.

Irritant to eyes.

Dizziness

Gastric or intestinal disorders when ingested.

Vision disorders.

Profuse sweating

Acidosis

Cyanosis

Disorientation

· **Danger**

Vapours may cause drowsiness and dizziness.

Harmful if swallowed, in contact with skin or if inhaled.

Danger of pulmonary edema.

Danger of impaired breathing.

May be fatal if swallowed and enters airways.

May cause damage to the central nervous system and optic nerve.

May cause damage to the hearing organs through prolonged or repeated exposure.

Suspected of causing cancer.

(Contd. on page 5)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

Reviewed on August 6, 2015

**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 4)

Repeated exposure may cause skin dryness or cracking.

- **Indication of any immediate medical attention and special treatment needed**

If swallowed or in case of vomiting, danger of entering the lungs.

Medical supervision for at least 48 hours.

If necessary oxygen respiration treatment.

Later observation for pneumonia and pulmonary edema.

If medical advice is needed, have product container or label at hand.

### 5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

- **For safety reasons unsuitable extinguishing agents:** None.

- **Special hazards arising from the substance or mixture**

Danger of receptacles bursting because of high vapor pressure if heated.

Formation of toxic gases is possible during heating or in case of fire.

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

- **Additional information**

Cool endangered product with water spray.

Use large quantities of foam as it is partially destroyed by the product.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

Protect from heat.

- **Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

- **Methods and material for containment and cleaning up:**

Allow to evaporate.

Pick up mechanically.

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

- **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.

(Contd. on page 6)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

Reviewed on August 6, 2015

**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 5)

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
 Avoid splashes or spray in enclosed areas.  
 Use only in well ventilated areas.  
 Keep away from heat and direct sunlight.  
 Pressurized container: Do not pierce or burn, even after use.
- **Information about protection against explosions and fires:**  
 Keep ignition sources away - Do not smoke.  
 Protect against electrostatic charges.  
 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 120 °F / 49 °C, i.e. electric lights. Do not pierce or burn, even after use.  
 Do not spray on a naked flame or any incandescent material.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
 Store in a cool location.  
 Observe official regulations on storing packagings with pressurized containers.  
 Provide ventilation for receptacles.
- **Information about storage in one common storage facility:**  
 Store away from foodstuffs.  
 Store away from oxidizing agents.
- **Further information about storage conditions:**  
 Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
- **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.
- **Control parameters**

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

#### 142-82-5 heptane

PEL (USA)	Long-term value: 2000 mg/m <sup>3</sup> , 500 ppm
REL (USA)	Long-term value: 350 mg/m <sup>3</sup> , 85 ppm Ceiling limit value: 1800* mg/m <sup>3</sup> , 440* ppm *15-min
TLV (USA)	Short-term value: 2050 mg/m <sup>3</sup> , 500 ppm Long-term value: 1640 mg/m <sup>3</sup> , 400 ppm
EL (Canada)	Short-term value: 500 ppm Long-term value: 400 ppm
EV (Canada)	Short-term value: 2.045 mg/m <sup>3</sup> , 500 ppm Long-term value: 1.635 mg/m <sup>3</sup> , 400 ppm

(Contd. on page 7)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

Reviewed on August 6, 2015

**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 6)

LMPE (Mexico)	Short-term value: 500 ppm Long-term value: 400 ppm
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**1330-20-7 xylene**

PEL (USA)	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL (USA)	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV (USA)	Short-term value: 651 mg/m <sup>3</sup> , 150 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm BEI
EL (Canada)	Short-term value: 150 ppm Long-term value: 100 ppm
EV (Canada)	Short-term value: 650 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
LMPE (Mexico)	Short-term value: 150 ppm Long-term value: 100 ppm A4, IBE

**67-64-1 acetone**

PEL (USA)	Long-term value: 2400 mg/m <sup>3</sup> , 1000 ppm
REL (USA)	Long-term value: 590 mg/m <sup>3</sup> , 250 ppm
TLV (USA)	Short-term value: 1187 mg/m <sup>3</sup> , 500 ppm Long-term value: 594 mg/m <sup>3</sup> , 250 ppm BEI
EL (Canada)	Short-term value: 500 ppm Long-term value: 250 ppm
EV (Canada)	Short-term value: 750 ppm Long-term value: 500 ppm
LMPE (Mexico)	Short-term value: 750 ppm Long-term value: 500 ppm A4, IBE

**124-38-9 carbon dioxide**

PEL (USA)	Long-term value: 9000 mg/m <sup>3</sup> , 5000 ppm
REL (USA)	Short-term value: 54.000 mg/m <sup>3</sup> , 30.000 ppm Long-term value: 9000 mg/m <sup>3</sup> , 5000 ppm
TLV (USA)	Short-term value: 54.000 mg/m <sup>3</sup> , 30.000 ppm Long-term value: 9000 mg/m <sup>3</sup> , 5000 ppm
EL (Canada)	Short-term value: 15000 ppm Long-term value: 5000 ppm
EV (Canada)	Short-term value: 54.000 mg/m <sup>3</sup> , 30.000 ppm Long-term value: 9.000 mg/m <sup>3</sup> , 5.000 ppm
LMPE (Mexico)	Short-term value: 30000 ppm Long-term value: 5000 ppm

(Contd. on page 8)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

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**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 7)

**67-56-1 methanol**

PEL (USA)	Long-term value: 260 mg/m <sup>3</sup> , 200 ppm
REL (USA)	Short-term value: 325 mg/m <sup>3</sup> , 250 ppm Long-term value: 260 mg/m <sup>3</sup> , 200 ppm Skin
TLV (USA)	Short-term value: 328 mg/m <sup>3</sup> , 250 ppm Long-term value: 262 mg/m <sup>3</sup> , 200 ppm Skin; BEI
EL (Canada)	Short-term value: 250 ppm Long-term value: 200 ppm Skin
EV (Canada)	Short-term value: 325 mg/m <sup>3</sup> , 250 ppm Long-term value: 260 mg/m <sup>3</sup> , 200 ppm Skin
LMPE (Mexico)	Short-term value: 250 ppm Long-term value: 200 ppm PIEL, IBE

**100-41-4 ethylbenzene**

PEL (USA)	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL (USA)	Short-term value: 545 mg/m <sup>3</sup> , 125 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV (USA)	Long-term value: 87 mg/m <sup>3</sup> , 20 ppm BEI
EL (Canada)	Long-term value: 20 ppm IARC 2B
EV (Canada)	Short-term value: 540 mg/m <sup>3</sup> , 125 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
LMPE (Mexico)	Long-term value: 20 ppm

**· Ingredients with biological limit values:****xylene**

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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**67-64-1 acetone**

BEI (USA)	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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**67-56-1 methanol**

BEI (USA)	15 mg/L Medium: urine Time: end of shift Parameter: Methanol (background, nonspecific)
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(Contd. on page 9)



# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

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**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 8)

**100-41-4 ethylbenzene**

BEI (USA)	0.7 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)
-	Medium: end-exhaled air Time: not critical Parameter: Ethyl benzene (semi-quantitative)

- **Additional information:** No further relevant information available.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.
- **Engineering controls:** Use only outdoors or in a well-ventilated area.
- **Breathing equipment:**  
Use suitable respiratory protective device in case of insufficient ventilation.  
NIOSH or EN approved organic vapor respirator equipped with a dust/mist prefilter should be used.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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:**



Safety glasses

Face protection

- **Body protection:** Protective work clothing

(Contd. on page 10)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

Reviewed on August 6, 2015

**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 9)

- **Limitation and supervision of exposure into the environment**  
No further relevant information available.

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

**Form:** Aerosol

**Color:** Clear

- **Odor:** Solvent-like

- **Odor threshold:** Not determined.

- **pH-value:** Not determined.

- **Change in condition**

**Melting point/Melting range:** Not applicable, as aerosol.

**Boiling point/Boiling range:** Not applicable, as aerosol.

- **Flash point:** Not applicable, as aerosol.

- **Flammability (solid, gaseous):** Extremely flammable aerosol.

- **Auto-ignition temperature:** Not determined.

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not self-igniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- **Explosion limits:**

**Lower:** 1 Vol %

**Upper:** 15 Vol %

- **Oxidizing properties** Non-oxidizing.

- **Vapor pressure:** Not determined.

- **Density:** Not determined.

- **Relative density** Not determined.

- **Vapour density** Not determined.

- **Evaporation rate** Not applicable.

- **Solubility in / Miscibility with**

**Water:** Partly miscible.

- **organic solvents:** Miscible with many organic solvents.

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

- **Viscosity:**

**Dynamic:** Not determined.

**Kinematic:** Not determined.

(Contd. on page 11)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

Reviewed on August 6, 2015

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· **Other information**

No further relevant information available.

(Contd. of page 10)

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**  
Can react violently with oxygen rich (oxidizing) material. Danger of Explosion.  
Toxic fumes may be released if heated above the decomposition point.  
Danger of receptacles bursting because of high vapor pressure if heated.
- **Conditions to avoid** Store away from oxidizing agents.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

### 142-82-5 heptane

Oral	LD50	> 5000 mg/kg (rat) (Estimate)
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### 1330-20-7 xylene

Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

### 67-64-1 acetone

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rabbit)

### 100-41-4 ethylbenzene

Oral	LD50	3500 mg/kg (rat)
Dermal	LD50	17800 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
Danger through skin absorption.  
Inhalation of concentrated vapors as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.  
Toxic and/or corrosive effects may be delayed up to 24 hours.

(Contd. on page 12)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

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**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 11)

- **Carcinogenic categories**

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

- **Probable Routes of Exposure**

Ingestion.

Inhalation.

Eye contact.

Skin contact.

- **Acute effects (acute toxicity, irritation and corrosivity):**

Harmful if swallowed, in contact with skin or if inhaled.

Repeated exposure may cause skin dryness or cracking.

Irritating to eyes and skin.

May cause drowsiness or dizziness.

- **Repeated Dose Toxicity:** Possible risk of irreversible effects.

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**

Carc. 2

- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

- **Carcinogenicity** Suspected of causing cancer.

- **Reproductive toxicity** Based on available data, the classification criteria are not met.

- **STOT-single exposure**

May cause damage to the central nervous system and optic nerve.

May cause drowsiness or dizziness.

- **STOT-repeated exposure**

May cause damage to the hearing organs through prolonged or repeated exposure.

- **Aspiration hazard** May be fatal if swallowed and enters airways.

## 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

Toxic for aquatic organisms

### 100-41-4 ethylbenzene

EC50 1-10 mg/kg (daphnia)

LC50 1-10 mg/l (Green Algae (chlorophyta))

4.2 mg/l (Oncorhynchus mykiss)

- **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.

- **Ecotoxicological effects:**

- **Remark:** Very toxic for fish

(Contd. on page 13)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

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**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 12)

- **Additional ecological information:**
- **General notes:**
  - Do not allow product to reach ground water, water course or sewage system.
  - Danger to drinking water if even small quantities leak into the ground.
  - Also poisonous for fish and plankton in water bodies.
  - Very toxic for aquatic organisms
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
  - Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
  - The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.
- **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**
- **DOT, ADR, IMDG, IATA** UN1950
- **UN proper shipping name**
- **DOT** Aerosols, flammable
- **ADR** 1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS
- **IMDG** AEROSOLS (HEPTANES), MARINE POLLUTANT
- **IATA** AEROSOLS, flammable
- **Transport hazard class(es)**

- **DOT**



- **Class** 2.1
- **Label** 2.1

- **ADR**



- **Class** 2 5F Gases

(Contd. on page 14)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

Reviewed on August 6, 2015

<b>Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner &amp; Degreaser</b>
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(Contd. of page 13)

· **Label** 2.1

· **IMDG**



· **Class** 2.1  
 · **Label** 2.1

· **IATA**



· **Class** 2.1  
 · **Label** 2.1  
 · **Packing group** Aerosols are not assigned a packing group.  
 · **Environmental hazards:** Product contains environmentally hazardous substances: heptane  
 · **Marine pollutant:** Symbol (fish and tree)  
 · **Special marking (ADR):** Symbol (fish and tree)  
 · **Special precautions for user** Warning: Gases  
 · **Danger code (Kemler):** -  
 · **EMS Number:** F-D,S-U  
 · **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: 75 kg  
 On cargo aircraft only: 150 kg

· **ADR**

· **Excepted quantities (EQ)** Code: E0  
 Not permitted as Excepted Quantity

· **IMDG**

· **Limited quantities (LQ)** 1L  
 · **Excepted quantities (EQ)** Code: E0  
 Not permitted as Excepted Quantity  
 · **UN "Model Regulation":** UN1950, Aerosols, ENVIRONMENTALLY HAZARDOUS, 2.1

(Contd. on page 15)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date August 6, 2015

Reviewed on August 6, 2015

**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 14)

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

### · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

### · Section 313 (Specific toxic chemical listings):

1330-20-7 xylene

67-56-1 methanol

100-41-4 ethylbenzene

### · TSCA (Toxic Substances Control Act):

All ingredients are listed.

### · Proposition 65 (California)

#### · Chemicals known to cause cancer:

100-41-4 ethylbenzene

#### · Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

#### · Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

#### · Chemicals known to cause developmental toxicity:

67-56-1 methanol

#### · Carcinogenic categories

##### · EPA (Environmental Protection Agency)

142-82-5 heptane

D

1330-20-7 xylene

D

67-64-1 acetone

I

100-41-4 ethylbenzene

D

##### · IARC (International Agency for Research on Cancer)

1330-20-7 xylene

2B

100-41-4 ethylbenzene

2B

##### · TLV (Threshold Limit Value established by ACGIH)

1330-20-7 xylene

A3

67-64-1 acetone

A4

100-41-4 ethylbenzene

A3

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

None of the ingredients is listed.

##### · State Right to Know Listings

None of the ingredients is listed.

(Contd. on page 16)

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**Trade name: KleenBore® Gunk Out™ Gun Metal Cleaner & Degreaser**

(Contd. of page 15)

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

100-41-4	ethylbenzene
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· **Canadian Ingredient Disclosure list (limit 1%)**

142-82-5	heptane
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67-64-1	acetone
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124-38-9	carbon dioxide
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67-56-1	methanol
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· **Other regulations, limitations and prohibitive regulations**

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

· **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.

· **Date of preparation / last revision** August 6, 2015 / -

· **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

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

HMS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Press. Gas: Gases under pressure: Compressed gas

Press. Gas: Gases under pressure: Liquefied gas

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Acute Tox. 3: Acute toxicity, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Carc. 2: Carcinogenicity, Hazard Category 2

STOT SE 1: Specific target organ toxicity - Single exposure, Hazard Category 1

STOT SE 2: Specific target organ toxicity - Single exposure, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

(Contd. on page 17)



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(Contd. of page 16)

**· Sources**

Website, European Chemicals Agency (<http://http://echa.europa.eu/>)  
Website, US EPA Substance Registry Services ([http://http://ofmpub.epa.gov/sor\\_internet/registry/substreg/home/overview/home.do](http://http://ofmpub.epa.gov/sor_internet/registry/substreg/home/overview/home.do))  
Website, Chemical Abstracts Registry, Ammerican Chemical Society (<https://www.cas.org>)  
Patty's Industrial Hygiene, 6th ed. , Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6  
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.  
Safety Data Sheets, Individual Manufacturers  
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