



Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 12/12/2016

Reviewed on 12/12/2016

1 Identification

- **Product Identifier**
- **Trade name: G96 Gun Treatment**
- **Product Number:** 1055, 1055P
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description** Cleaner, Lubricant, and Preservative for firearms.
- **Application of the substance / the mixture:**
Lubricant
Degreasing agent
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
G96 Products Inc.
85 5th Ave Bldg 6
Paterson, NJ 07524
973-684-4050 ph
973-684-3848 fx
Website: www.g96.com
Email: info@g96.com
- **Emergency telephone number:** Chemtrec 1-800-424-9300 or outside USA 1-703-527-3887

2 Hazard(s) Identification

- **Classification of the substance or mixture:**



GHS02 Flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.



GHS08 Health hazard

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



GHS09 Environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements:**

- **GHS label elements**

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

(Contd. on page 2)

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Trade name: G96 Gun Treatment**Hazard pictograms:**

GHS02 GHS07 GHS08 GHS09

Signal word: Danger**Hazard-determining components of labeling:**

Distillates (petroleum), hydrotreated light

Hazard statements:

Combustible liquid.

H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P301+P333+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P251 Do not pierce or burn, even after use.

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P211 Do not spray on an open flame or other ignition source.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves.

P273 Avoid release to the environment.

P264 Wash thoroughly after handling.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P362 Take off contaminated clothing.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of water.

P391 Collect spillage.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Unknown acute toxicity:

This value refers to knowledge of known, established toxicological or ecotoxicological values.

11 % of the mixture consists of component(s) of unknown toxicity.

Classification system: NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme**NFPA ratings (scale 0 - 4)**

Health = 1

Fire = 3

Reactivity = 3

(Contd. on page 3)

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

· Hazard(s) not otherwise classified (HNOC): None known**3 Composition/Information on Ingredients****· Non-hazardous components:**

Proprietary Blend of Non-Hazardous Oils	15-35%
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· Chemical characterization: Mixtures**· Description:** Mixture of substances listed below with non-hazardous additions.**· Dangerous Components:**

CAS: 64742-47-8	Distillates (petroleum), hydrotreated light ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336; Flam. Liq. 4, H227	25-50%
CAS: 74-98-6 RTECS: TX 2275000	Propane ⚠ Flam. Gas 1, H220; Press. Gas, H280	5-10%
CAS: 106-97-8 RTECS: EJ 4200000	Butane ⚠ Flam. Gas 1, H220; Press. Gas, H280	5-10%
CAS: 8042-47-5	Mineral Oil	5-10%
CAS: 63148-62-7	Dimethyl Polysiloxane ⚠ Aquatic Chronic 2, H411	≤ 2.5%

· Additional information:

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

*** 4 First-Aid Measures****· Description of first aid measures:****· General information:**

Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.

· After inhalation: 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 occurs, consult a doctor.

· After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

May be harmful if ingested. Can cause respiratory depression and could be fatal. Call a physician or poison control center immediately.

· 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.

5 Fire-Fighting Measures**· Extinguishing media:****· Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.

(Contd. on page 4)



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- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture:**
Combustible liquid. Vapors can travel to a source of ignition and flash back.
Explosive mixtures may occur at temperatures at or above flashpoint.
- **Advice for firefighters:**
- **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
Dispose of the collected material according to regulations.
- **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.
- **Protective Action Criteria for Chemicals**

· PAC-1:		
74-98-6	Propane	5500* ppm
106-97-8	Butane	5500* ppm
· PAC-2:		
74-98-6	Propane	17000** ppm
106-97-8	Butane	17000** ppm
· PAC-3:		
74-98-6	Propane	33000*** ppm
106-97-8	Butane	53000*** ppm

7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
- **Information about protection against explosions and fires:**
Do not spray on a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.
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.

(Contd. on page 5)



Safety Data Sheet (SDS)

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- **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.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Do not gas tight seal receptacle.
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
- **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 section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.

64742-47-8 Distillates (petroleum), hydrotreated light	
OSHA PEL	Long-term value: 5 mg/m ³
74-98-6 Propane	
PEL	Long-term value: 1800 mg/m ³ , 1000 ppm
REL	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV	refer to Appendix F in TLVs&BEIs book; NIC-EX
106-97-8 Butane	
REL	Long-term value: 1900 mg/m ³ , 800 ppm
TLV	Short-term value: (2370) mg/m ³ , (1000) ppm NIC-EX
8042-47-5 Mineral Oil	
ACGIH TLV	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³
OSHA PEL	Long-term value: 5 mg/m ³

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **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.

(Contd. on page 6)

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Issue date 12/12/2016

Reviewed on 12/12/2016

Trade name: G96 Gun Treatment**· 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 cannot 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 determined and observed by the manufacturer of the protective gloves.

· Eye protection:

Tightly sealed goggles

*** 9 Physical and Chemical Properties****· Information on basic physical and chemical properties****· General Information****· Appearance:****Form:**

Liquid on inert carrier material

Color:

Clear

· Odor:

Perfume like

· Odor threshold:

Not determined.

· pH-value:

Not determined.

· Change in condition**Melting point/Melting range:**

Not determined.

Boiling point/Boiling range:

Not applicable, aerosol.

· Flash point:

>55 °C (>131 °F)

· Flammability (solid, gaseous):

Not applicable.

· Ignition temperature:

210 °C (410 °F)

· Decomposition temperature:

Not determined.

· Auto igniting:

Product is not self-igniting.

· Danger of explosion:

Not determined.

· Explosion limits:**Lower:**

0.5 Vol %

Upper:

10.9 Vol %

· Vapor pressure @ 20 °C (68 °F):

8300 hPa (6226 mm Hg)

· Density:

Not determined.

· Relative density:

Not determined.

· Vapor density:

>1 (Air=1)

(Contd. on page 7)

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OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

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- **Evaporation rate:** >1 (Water =1)
- **Solubility in / Miscibility with:**
 - Water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content:**
 - Organic solvents:** 69.0 %
 - VOC content:** 59.0 %
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** Stable under normal conditions.
- **Chemical stability:** Stable under normal conditions.
- **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:**

· LD/LC50 values that are relevant for classification:		
64742-47-8 Distillates (petroleum), hydrotreated light		
Oral	LD50	>5000 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (Rabbit)
106-97-8 Butane		
Inhalative	LC50/4 h	658 mg/l (Rat)
8042-47-5 Mineral Oil		
Oral	LD50	>5000 mg/kg (Rat)

- **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:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful
Irritant

- **Carcinogenic categories:**

· IARC (International Agency for Research on Cancer):
None of the ingredients are listed.

(Contd. on page 8)

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Trade name: G96 Gun Treatment**· NTP (National Toxicology Program):**

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

12 Ecological Information**· Toxicity:****· Aquatic toxicity:**

Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

64742-47-8 Distillates (petroleum), hydrotreated light

EC50 25 mg/l (Trout) (OECD Test Guideline 203, 96 hour, Static Test)

· 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:** Toxic for fish**· Additional ecological information:****· General notes:**

Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.

Poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

· Results of PBT and vPvB assessment:**· PBT:** Not applicable.**· vPvB:** Not applicable.**· 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.

Observe all federal, state and local environmental regulations when disposing of this material.

· 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

UN1950 Aerosols, ENVIRONMENTALLY HAZARDOUS

· IMDG

AEROSOLS, MARINE POLLUTANT

· IATA

AEROSOLS

(Contd. on page 9)



Safety Data Sheet (SDS)

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· **Transport hazard class(es):**

· **DOT**



· **Class:** 2.1
· **Label:** 2.1

· **ADR**



· **Class:** 2.1 5F
· **Label:** 2.1

· **IMDG**



· **Class:** 2 Gases
· **Label:** 2.1

· **IATA**



· **Class:** 2 Gases
 · **Label:** 2.1
 · **Packing group:** II
 · **DOT, ADR, IMDG, IATA** II
 · **Environmental hazards:** Symbol (fish and tree)
 · **Special marking (ADR):** Not applicable.
 · **Special precautions for user:** F-D,S-U
 · **EMS Number:** SW1 Protected from sources of heat.
 · **Stowage Code:** SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
 · **Segregation Code:** SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
 · **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.



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· **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

· **Remarks:**

Special Provisions: 190 327 344 625

· **IMDG**

· **Limited quantities (LQ):** 1L

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

· **UN "Model Regulation":** UN 1950 AEROSOLS, 2.1, II, ENVIRONMENTALLY HAZARDOUS

15 Regulatory Information

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

· **SARA (Superfund Amendments and Reauthorization):**

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

None of the ingredients are listed.

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

None of the ingredients are listed.

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

64742-47-8 Distillates (petroleum), hydrotreated light

74-98-6 Propane

106-97-8 Butane

8042-47-5 Mineral Oil

· **California Proposition 65:**

· **Chemicals known to cause cancer:**

None of the ingredients are listed.

· **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 are listed.

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

None of the ingredients are listed.

· **New Jersey Right-to-Know List:**

74-98-6 Propane

106-97-8 Butane

· **New Jersey Special Hazardous Substance List:**

74-98-6 Propane

F4

106-97-8 Butane

F4

(Contd. on page 11)

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· Pennsylvania Right-to-Know List:	
74-98-6	Propane
106-97-8	Butane
· Pennsylvania Special Hazardous Substance List:	
None of the ingredients are listed.	
· Carcinogenic categories:	
· EPA (Environmental Protection Agency):	
None of the ingredients are listed.	
· TLV (Threshold Limit Value established by ACGIH):	
None of the ingredients are listed.	
· NIOSH-Ca (National Institute for Occupational Safety and Health):	
None of the ingredients are listed.	

· GHS label elements

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

· Hazard pictograms:

GHS02 GHS07 GHS08 GHS09

· Signal word: Danger**· Hazard-determining components of labeling:**

Distillates (petroleum), hydrotreated light

· Hazard statements:

H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements:

P301+P330+331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P251 Do not pierce or burn, even after use.

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P211 Do not spray on an open flame or other ignition source.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves.

P273 Avoid release to the environment.

P264 Wash thoroughly after handling.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P362 Take off contaminated clothing.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

(Contd. on page 12)



Safety Data Sheet (SDS)

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Trade name: G96 Gun Treatment

- P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of water.
P391 Collect spillage.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· National regulations:

The product is subject to be classified according with the latest version of the regulations on hazardous substances.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

- **Date of preparation / last revision:** 12/12/2016 / 16

· Abbreviations and acronyms:

- ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
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)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flam. Gas 1: Flammable gases – Category 1
Flam. Aerosol 1: Aerosols – Category 1
Press. Gas: Gases under pressure – Compressed gas
Flam. Liq. 4: Flammable liquids – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

- *** Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106