

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

### Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** US 100  
**Product Name:** US Pro Brake Cleaner
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- |                          |   |                                       |
|--------------------------|---|---------------------------------------|
| <b>Company Name:</b>     | CYCLO INDUSTRIES, INC.<br>902 SOUTH US HIGHWAY 1<br>JUPITER, FL 33477 | <b>Phone Number:</b><br>(800)843-7813 |
| <b>Web site address:</b> | www.cyclo.com   |                                       |
| <b>Information:</b>      | First Aid Emergency (Outside U.S.)                                    | (312)906-6194                         |
- 1.4 Emergency telephone number:**
- |                           |  |                                |
|---------------------------|--|--------------------------------|
| <b>Emergency Contact:</b> | First Aid Emergency<br>CHEMTREC (703) 527-3887 | (800)752-7869<br>(800)424-9300 |
|---------------------------|--|--------------------------------|

### Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
- Flammable Liquids, Category 2
  - Acute Toxicity: Inhalation, Category 3
  - Acute Toxicity: Oral, Category 3
  - Acute Toxicity: Skin, Category 3
  - Skin Corrosion/Irritation, Category 2
  - Serious Eye Damage/Eye Irritation, Category 2A
  - Toxic To Reproduction, Category 2
  - Target Organ Systemic Toxicity (single exposure), Category 1
  - Target Organ Systemic Toxicity (repeated exposure), Category 2
  - Aspiration Toxicity, Category 1
  - Aquatic Toxicity (Chronic), Category 1
  - Aquatic Toxicity (Acute), Category 1
- 2.1.2 Classification according to Directive 1999/45/EC:**
- 2.2 Label Elements:**
- 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:**



**GHS Signal Word:** Danger

**GHS Hazard Phrases:**

- H225: Highly flammable liquid and vapor.
- H331: Toxic if inhaled.
- H301: Toxic if swallowed.
- H311: Toxic in contact with skin.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.
- H336: May cause drowsiness or dizziness.
- H361: Suspected of damaging fertility or the unborn child.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H304: May be fatal if swallowed and enters airways.

H410: Very toxic to aquatic life with long lasting effects.

H280: Contents under pressure. May explode if heated.

**GHS Precaution Phrases:**

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

P280: Wear protective gloves/clothing and eye/face protection.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

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

P264: Wash hands thoroughly after handling.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

**GHS Response Phrases:**

P370+378: In case of fire, use dry chemical, carbon dioxide or alcohol foam for extinction.

P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

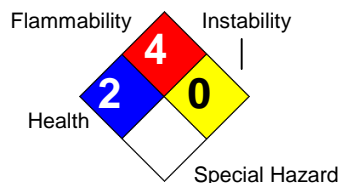
**GHS Storage and Disposal Phrases:**

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

P403+233: Store container tightly closed in well-ventilated place.

**2.2.2 Labeling according to Directive 1999/45/EC:**

**Hazard Rating System:**



**2.3 Adverse Human Health Effects and Symptoms:**

### Section 3. Composition/Information on Ingredients

Section 3. Composition/Information on Ingredients				
CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
67-64-1	Acetone	45.0 -55.0 %	200-662-2 606-001-00-8	F; Xi; R11-36-66-67 Flam. Liq. 2: H225 Eye Damage 2A: H319 TOST (SE) 3: H335 H336
67-56-1	Methanol	25.0 -35.0 %	200-659-6 603-001-00-X	F; T; R11-23/24/25-39/23/24/25 Flam. Liq. 2: H225 Acute Tox.(O) 3: H301 Acute Tox.(D) 3: H311 Acute Tox.(I) 3: H331 TOST (SE) 1: H370
108-88-3	Toluene	20.0 -30.0 %	203-625-9 601-021-00-3	F; Xn; R11-38-48/20-63-65-67 Flam. Liq. 2: H225 Asp. Toxic. 1: H304 Skin Corr. 2: H315 TOST (SE) 3: H335 H336



142-82-5	Heptane	5.0 -10.0 %	205-563-8 601-008-00-2	Toxic Repro. 2: H361 TOST (RE) 2: H373 F; Xn; N; R11-38-50/53-65-67 Flam. Liq. 2: H225 Asp. Toxic. 1: H304 Skin Corr. 2: H315 TOST (SE) 3: H335 H336 Aquatic (A) 1: H400 Aquatic (C) 1: H410
124-38-9	Carbon dioxide	1.0 -9.0 %	204-696-9 NA	No phrases apply. No data available.

### Section 4. First Aid Measures

**4.1 Description of First Aid Measures:** If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than hips to prevent aspiration. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If in eyes, rinse cautiously with water for several minutes, Remove contact lenses, if present and easy to do. Continue rinsing. In case of skin contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and launder before reuse. Call physician immediately if adverse reaction occurs.

### Section 5. Fire Fighting Measures

**5.1 Suitable Extinguishing Media:** Dry chemical, carbon dioxide, alcohol foam. Use water spray to keep containers cool that are exposed to heat or flame.

**5.2 Flammable Properties and Hazards:** No data available.

**Flammability Classification:** NFPA Level 2 Aerosol

**Flash Pt:** 1.00 F (-17.2 C) Method Used: TAG Closed Cup

**Explosive Limits:** LEL: 1.2 UEL: 36

**Autoignition Pt:** No data.

**5.3 Fire Fighting Instructions:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Vapor may cause flash fire.

### Section 6. Accidental Release Measures

**6.3 Methods and Material For Containment and Cleaning Up:** Wear appropriate protective clothing and equipment to prevent skin and eye contact. Contain any liquid from leaking containers. Avoid all sources of ignition; heat, sparks and open flames. Do not puncture or incinerate container. Contents under pressure. Leaking containers should be removed to an isolated, well-ventilated area and transferred to other suitable containers. Wipe, scrape or soak up in an inert material and put in a container intended for flammable materials for disposal. Persons not trained should evacuate area. Do not allow to enter sanitary drains, sewer or surface and subsurface waters. Keep out of lakes, ponds or streams.

### Section 7. Handling and Storage

**7.1 Precautions To Be Taken in Handling:** Caution: Contents under pressure. Keep away from heat and open flame. Use only in a well ventilated area. Avoid breathing vapors. If exposed to high vapor concentration, leave area at once. Avoid contact with skin and eyes. Keep out of the reach of children.

**7.2 Precautions To Be Taken in Storing:** Do not puncture, incinerate or store above 120 degrees F. Exposure to high temperatures may cause bursting. Do not store in the passenger compartment of an automobile.

### Section 8. Exposure Controls/Personal Protection

**8.1 Exposure Parameters:**

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
67-64-1	Acetone	TWA: 1210 mg/m3 (500 ppm) STEL: 3620 mg/m3 (1500 ppm)	TWA: 1210 mg/m3 (500 ppm) STEL: 2420 mg/m3 (1000 ppm)	TWA: 1210 mg/m3
67-56-1	Methanol	TWA: 266 mg/m3 (200 ppm) STEL: 333 mg/m3 (250 ppm)	TWA: 260 mg/m3 (200 ppm) STEL: 1300 mg/m3 (1000 ppm)	TWA: 260 mg/m3
108-88-3	Toluene	TWA: 191 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	TWA: 192 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	TWA: 192 mg/m3 STEL: 384 mg/m3
142-82-5	Heptane	TWA: 2085 mg/m3 (500 ppm) STEL: ()	TWA: 1668 mg/m3 (400 ppm) STEL: 2085 mg/m3 (500 ppm)	TWA: 2085. mg/m3
124-38-9	Carbon dioxide	TWA: 9150 mg/m3 (5000 ppm) STEL: 27400 mg/m3 (15000 ppm)	TWA: 9000 mg/m3 (5000 ppm)	TWA: 9000 mg/m3

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-64-1	Acetone	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	No data.
67-56-1	Methanol	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.
142-82-5	Heptane	PEL: 500 ppm	TLV: 400 ppm	No data.
124-38-9	Carbon dioxide	PEL: 5000 ppm	TLV: 5000 ppm STEL: 30,000 ppm	No data.

**8.2 Exposure Controls:**

**8.2.1 Engineering Controls (Ventilation etc.):** Use in a well ventilated area. Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Eyewash stations. Showers.

**8.2.2 Personal protection equipment:**

**Eye Protection:** Chemical goggles; also wear a face shield if splashing hazard exists.

**Protective Gloves:** Avoid skin contact. Wear protective gloves.

**Other Protective Clothing:** Avoid skin contact. Wear protective clothing.

**Respiratory Equipment (Specify Type):** Do not breathe mist or vapor. Use in a well ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.



## Section 9. Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

<b>Physical States:</b>	<input type="checkbox"/> Gas	<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Solid
<b>Appearance and Odor:</b>	Aerosol Product.		
<b>Melting Point:</b>	Unknown		
<b>Boiling Point:</b>	133.00 F (56.1 C) - 231.00 F (110.6 C)		
<b>Flash Pt:</b>	1.00 F (-17.2 C) Method Used: TAG Closed Cup		
<b>Evaporation Rate:</b>	No data.		
<b>Explosive Limits:</b>	LEL: 1.2	UEL: 36	
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.		
<b>Vapor Density (vs. Air = 1):</b>	No data.		
<b>Specific Gravity (Water = 1):</b>	.80		
<b>Solubility in Water:</b>	Moderate		
<b>Autoignition Pt:</b>	No data.		

### 9.2 Other Information

**Percent Volatile:** 44.0 % by weight.

## Section 10. Stability and Reactivity

<b>10.1 Reactivity:</b>	No data available.
<b>10.2 Stability:</b>	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>
<b>10.3 Conditions To Avoid - Hazardous Reactions:</b>	No data available.
<b>Possibility of Hazardous Reactions:</b>	Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
<b>10.4 Conditions To Avoid - Instability:</b>	Keep away from heat, sparks and flame. Avoid any source of ignition. Do not expose to heat or store at temperatures above 120 degrees F.
<b>10.5 Incompatibility - Materials To Avoid:</b>	Nitric acid, sulfuric acid, strong acids, contact with oxidizing agents, chlorine compounds, alkalis, potassium t-butoxide, beryllium dihydride, magnesium, nitrogen tetraoxide, strong bases. Methanol has an explosive reaction with chloroform + sodium hydroxide, cyanuric chloride, nitric acid, etc.
<b>10.6 Hazardous Decomposition Or Byproducts:</b>	Carbon dioxide, carbon monoxide, formaldehyde.

**Section 11. Toxicological Information****11.1 Information on  
Toxicological Effects:**

No data available.

CAS# 142-82-5:

Other Studies:, TDLo, Oral, Rat, 60.00 GM/KG, 3 W.

Results:

Kidney, Ureter, Bladder: Changes in liver weight.

- National Technical Information Service, Vol/p/yr: OTS0571116,

Other Studies:, TDLo, Oral, Rat, 260.0 GM/KG, 13 W.

Results:

Kidney, Ureter, Bladder: Changes in bladder weight.

Endocrine:Hypoglycemia.

Nutritional and Gross Metabolic:Weight loss or decreased weight gain.

- National Technical Information Service, Vol/p/yr: OTS0571116,

Other Studies:, TCLo, Inhalation, Rat, 4000. PPM, 6 D.

Results:

Brain and Coverings: Recordings from specific areas of CNS.

Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Ear: Changes in cochlear structure or function.

Nutritional and Gross Metabolic:Weight loss or decreased weight gain.

- Pharmacology and Toxicology, Munksgaard International Pub., POB 2148, Copenhagen K Denmark, Vol/p/yr: 76,41, 1995

Other Studies:, TDLo, Intraperitoneal, Rat, 9625. MG/KG, 7 D.

Results:

Liver: Other changes.

Blood:Changes in serum composition (e.g.

Biochemical:Enzyme inhibition, induction, or change in blood or tissue levels: Multiple enzyme effects.

- Toxicology Letters., Elsevier Science Pub. B.V., POB 211, 1000 AE, Amsterdam 1000 AE Netherlands, Vol/p/yr: 14,169, 1982

Other Studies:, TDLo, Intraperitoneal, Rat, 8840. MG/KG, 45 D.

Results:

Liver: Other changes.

Biochemical:Enzyme inhibition, induction, or change in blood or tissue levels:

Phosphatases.

Biochemical:Enzyme inhibition, induction, or change in blood or tissue levels: Hepatic microsomal mixed oxidase (dealkylation, hydroxylation, etc.)

- JAT, Journal of Applied Toxicology., John Wiley & Sons Ltd., Baffins Lane, Chichester, W.Sussex PO19 1UD UK, Vol/p/yr: 8,81, 1988

Acute toxicity, TCLo, Inhalation, Human, 1000. PPM, 6 M.

Results:

Behavioral: Hallucinations, distorted perceptions.

- "U.S. Bureau of Mines Report of Investigation No. 2979," Patty, F.A., and W.P. Yant, 1929 Volume, Vol/p/yr: 2979,-, 1929

Acute toxicity, LC50, Inhalation, Rat, 103.0 GM/M3, 4 H.

Results:

Behavioral: Change in motor activity (specific assay).

Behavioral: Alteration of classical conditioning.

- Gigiena Truda i Professional'nye Zabolevaniya. (Labor Hygiene and Occupational Disease), V/O Mezhdunarodnaya Kniga, Moscow 113095 Russia, Vol/p/yr: 32(10),23, 1988

Acute toxicity, LCLO, Inhalation, Mouse, 59.00 GM/M3, 41 M.

Results:

Behavioral: Convulsions or effect on seizure threshold.

- Biochemische Zeitschrift., For publisher information, see EJBCAI, Berlin Germany, Vol/p/yr: 115,235, 1921

Acute toxicity, LD50, Intravenous, Mouse, 222.0 MG/KG.

Results:

Brain and Coverings: Changes in circulation (hemorrhage, thrombosis, etc.

Lungs, Thorax, or Respiration: Dyspnea.

Gastrointestinal: Nausea or vomiting.

- Journal of Pharmaceutical Sciences., American Pharmaceutical Assoc., 2215 Constitution Ave., NW, Washington, DC 20037, Vol/p/yr: 67,566, 1978

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-64-1	Acetone	n.a.	n.a.	A4	n.a.
67-56-1	Methanol	n.a.	n.a.	n.a.	n.a.
108-88-3	Toluene	n.a.	3	A4	n.a.
142-82-5	Heptane	n.a.	n.a.	n.a.	n.a.
124-38-9	Carbon dioxide	n.a.	n.a.	n.a.	n.a.

## Section 12. Ecological Information

### 12.1 Toxicity:

CAS# 142-82-5:

Effective concentration to 50% of test organisms., Water Flea (Daphnia magna), 82500. UG/L, 96 H, Intoxication., Water temperature: 28.00 C (82.4 F) C.

Results:

No observed effect.

- Acute Toxicity of Petroleum Products, Crude Oil and Oil Refinery Effluent on Plankton, Benthic Invertebrates and Fish, Das, P.K.M.K., and S.K. Konar, 1988

LC50, Water Flea (Daphnia magna), 50.00 MG/L, 24 H, Intoxication., Water temperature: 20.00 C (68.0 F) - 22.00 C (71.6 F) C, pH: 7.70, Hardness: 16.00 dH.

Results:

No observed effect.

- Results of the Damaging Effect of Water Pollutants on Daphnia magna (Befunde der Schadwirkung Wassergefahrdender Stoffe Gegen Daphnia magna), Bringmann, G., and R. Kuhn, 1977

LC50, Western Mosquitofish (Gambusia affinis), adult(s), 4924000. UG/L, 48 H, Mortality, Water temperature: 20.00 C (68.0 F) - 27.00 C (80.6 F) C, pH: 8.90.

Results:

Age Effects.

- Toxicity to Gambusia affinis of Certain Pure Chemicals in Turbid Waters, Wallen, I.E.,



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W.C. Greer, and R. Lasater, 1957

LC50, Western Mosquitofish (*Gambusia affinis*), adult(s), 4924000. UG/L, 24 H, Mortality, Water temperature: 20.00 C (68.0 F) - 27.00 C (80.6 F) C, pH: 8.90.

Results:

Age Effects.

- Toxicity to *Gambusia affinis* of Certain Pure Chemicals in Turbid Waters, Wallen, I.E., W.C. Greer, and R. Lasater, 1957

Not reported., Western Mosquitofish (*Gambusia affinis*), adult(s), 5600000. UG/L, 96 H, Mortality, Water temperature: 20.00 C (68.0 F) - 27.00 C (80.6 F) C, pH: 8.90.

Results:

No observed effect.

- Toxicity to *Gambusia affinis* of Certain Pure Chemicals in Turbid Waters, Wallen, I.E., W.C. Greer, and R. Lasater, 1957

LC50, Western Mosquitofish (*Gambusia affinis*), adult(s), 4924000. UG/L, 96 H, Mortality, Water temperature: 20.00 C (68.0 F) - 27.00 C (80.6 F) C, pH: 8.90.

Results:

No observed effect.

- Toxicity to *Gambusia affinis* of Certain Pure Chemicals in Turbid Waters, Wallen, I.E., W.C. Greer, and R. Lasater, 1957

Not reported., Coho Salmon, Silver Salmon (*Oncorhynchus kisutch*), 100000. UG/L, 96 H, Mortality, Water temperature: 8.00 C (46.4 F) C, pH: 8.10.

Results:

Age Effects.

- Effects of Some Components of Crude Oil on Young Coho Salmon, Morrow, J.E., R.L. Gritz, and M.P. Kirton, 1975

LC50, Mozambique Tilapia (*Oreochromis mossambicus*), 375000. UG/L, 96 H, Mortality, Water temperature: 27.80 C (82.0 F) C.

Results:

No observed effect.

- Acute Toxicity of n-Heptane and n-Hexane on Worm and Fish, Ghatak, D.B., M.M. Hossain, and S.K. Konar, 1988

LC50, Midge Family (Chironomidae), larva(e), 838000. UG/L, 96 H, Intoxication,, Water temperature: 28.00 C (82.4 F) C, pH: 7.00, Hardness: 260.00 MG/L.

Results:

No observed effect.

- Acute Toxicity of Petroleum Products, Crude Oil and Oil Refinery Effluent on Plankton, Benthic Invertebrates and Fish, Das, P.K.M.K., and S.K. Konar, 1988

Effective concentration to 50% of test organisms., Algae (Algae), 1500. UG/L, 8 H, Physiology.

Results:

No observed effect.

- Gulf Underwater Flare Experiment (GUFEX): Effects of Hydrocarbons on Phytoplankton, Brooks, J.M., G.A. Fryxell, D.F. Reid, and W.M. Sackett, 1977

Not reported., Pacific Oyster (*Crassostrea gigas*), egg(s), 3400000. UG/L, 48 H, Mortality, Water temperature: 20.00 C (68.0 F) - 21.50 C (70.7 F) C.





Results:

No observed effect.

- The Effect of Alaskan Crude Oil and Selected Hydrocarbon Compounds on Embryonic Development of the Pacific Oyster, *Crassostrea gigas*, Legore, R.S., 1974

LC50, *Oligochaete (Branchiura sowerbyi)*, 2500000. UG/L, 96 H, Mortality, Water temperature: 27.80 C (82.0 F) C.

Results:

No observed effect.

- Acute Toxicity of n-Heptane and n-Hexane on Worm and Fish, Ghatak, D.B., M.M. Hossain, and S.K. Konar, 1988

Effective concentration to 50% of test organisms., Snail (*Viviparus bengalensis*), 472000. UG/L, 96 H, Intoxication., Water temperature: 28.00 C (82.4 F) C.

Results:

No observed effect.

- Acute Toxicity of Petroleum Products, Crude Oil and Oil Refinery Effluent on Plankton, Benthic Invertebrates and Fish, Das, P.K.M.K., and S.K. Konar, 1988

Lethal concentration to 0% of test organisms., Carp (*Leuciscus idus ssp. melanotus*), 220.0 MG/L, 48 H, Mortality.

Results:

No observed effect.

- Results of the Investigation of 200 Chemical Compounds for Acute Fish Toxicity with the Golden Orfe Test (Ergebnisse der Untersuchung von 200 Chemischen Verbindungen auf Akute Fischtoxizität mit dem Goldorfentest), Juhnke, I., and D. Luedemann, 1978

LC50, Carp (*Leuciscus idus ssp. melanotus*), 270.0 MG/L, 48 H, Mortality.

Results:

No observed effect.

- Results of the Investigation of 200 Chemical Compounds for Acute Fish Toxicity with the Golden Orfe Test (Ergebnisse der Untersuchung von 200 Chemischen Verbindungen auf Akute Fischtoxizität mit dem Goldorfentest), Juhnke, I., and D. Luedemann, 1978

Lethal concentration to 100% of test organisms., Carp (*Leuciscus idus ssp. melanotus*), 350.0 MG/L, 48 H, Mortality.

Results:

No observed effect.

- Results of the Investigation of 200 Chemical Compounds for Acute Fish Toxicity with the Golden Orfe Test (Ergebnisse der Untersuchung von 200 Chemischen Verbindungen auf Akute Fischtoxizität mit dem Goldorfentest), Juhnke, I., and D. Luedemann, 1978

Lethal concentration to 0% of test organisms., Carp (*Leuciscus idus ssp. melanotus*), 1370. MG/L, 48 H, Mortality.

Results:

No observed effect.

- Results of the Investigation of 200 Chemical Compounds for Acute Fish Toxicity with the Golden Orfe Test (Ergebnisse der Untersuchung von 200 Chemischen Verbindungen auf Akute Fischtoxizität mit dem Goldorfentest), Juhnke, I., and D. Luedemann, 1978

LC50, Carp (*Leuciscus idus ssp. melanotus*), 2940. MG/L, 48 H, Mortality.

Results:

No observed effect.



- Results of the Investigation of 200 Chemical Compounds for Acute Fish Toxicity with the Golden Orfe Test (Ergebnisse der Untersuchung von 200 Chemischen Verbindungen auf Akute Fischtoxizität mit dem Goldorfentest), Juhnke, I., and D. Luedemann, 1978

Lethal concentration to 100% of test organisms., Carp (Leuciscus idus ssp. melanotus), 3420. MG/L, 48 H, Mortality.

Results:

No observed effect.

- Results of the Investigation of 200 Chemical Compounds for Acute Fish Toxicity with the Golden Orfe Test (Ergebnisse der Untersuchung von 200 Chemischen Verbindungen auf Akute Fischtoxizität mit dem Goldorfentest), Juhnke, I., and D. Luedemann, 1978

### Section 13. Disposal Considerations

**13.1 Waste Disposal Method:** Dispose of contents/container in accordance with local/regional/national/international regulation.

### Section 14. Transport Information

**14.1 LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Consumer Commodity  
**DOT Hazard Class:** ORM-D ORM-D  
**UN/NA Number:**

**14.1 LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** Aerosols (Methanol) (Ltd Qty in 120 mL or less)

**UN Number:** 2.1 (6.1) 1950  
**Hazard Class:** N.A. **ADR Classification:** 2.1

**14.2 MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Aerosols (Methanol)

**UN Number:** 2.1 (6.1) 1950  
**Hazard Class:** N.A. **Packing Group:**  
**IMDG Classification:** 2.1  
**Marine Pollutant:** No

**14.3 AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** FORBIDDEN

### Section 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
67-64-1	Acetone	No	Yes 5000 LB	No
67-56-1	Methanol	No	Yes 5000 LB	Yes
108-88-3	Toluene	No	Yes 1000 LB	Yes
142-82-5	Heptane	No	No	No
124-38-9	Carbon dioxide	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
67-64-1	Acetone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ



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67-56-1	Methanol	EHS: Yes - 0006; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: Yes CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 1222; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
108-88-3	Toluene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Inventory, 8A CAIR; CA PROP.65: Yes; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 1866; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
142-82-5	Heptane	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory, 4 Test, 8A PAIR; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1339; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
124-38-9	Carbon dioxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 0343; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes

**CAS # Hazardous Components (Chemical Name)**

**International Regulatory Lists**

67-64-1	Acetone	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
67-56-1	Methanol	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
108-88-3	Toluene	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
142-82-5	Heptane	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
124-38-9	Carbon dioxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

**European Community Hazard Symbol codes:**

**European Community Risk and Safety Phrases:**

No data available.

## Section 16. Other Information

**Revision Date:** 08/08/2014

**Additional Information About This Product:** Not for sale in CA, UT.

**This Product:**

**Company Policy or**

**Disclaimer:**

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