According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 11/14/2024 Date of issue: 11/14/2024

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Ultimate Power Steering Cleaner

Product Part #: UP801

1.2. Intended Use of the Product Use of the substance/mixture: Automotive

Name, Address, and Telephone of the Responsible Party

Ultimate Automotive Products, Inc. 7696 SW Jack James Drive

Stuart, FL 34997 772-600-5138

www.ultimateautomotiveproducts.com

Emergency Telephone Number

Emergency Number : 813-248-0585 ChemTel

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Skin Irrit. 2 H315 Eve Irrit. 2A H319 H340 Muta. 1B H350 Carc. 1B Repr. 2 H361 STOT RE 2 H373 Asp. Tox. 1 H304 H401 Aquatic Acute 2 Aquatic Chronic 3 H412 Full text of H-phrases: see section 16

Label Elements 2.2.

GHS-US Labeling

Hazard Pictograms (GHS-US)





Signal Word (GHS-US)

Hazard Statements (GHS-US)

H315 - Causes skin irritation.

H319 - Causes serious eye irritation. H340 - May cause genetic defects.

H350 - May cause cancer.

H361 - Suspected of damaging fertility or the unborn child.

H373 - May cause damage to organs through prolonged or repeated exposure.

Version: 1.0

H401 - Toxic to aquatic life.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements (GHS-US)

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P302+P352 - If on skin: Wash with plenty of water.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - If exposed or concerned: Get medical advice/attention.

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P314 - Get medical advice/attention if you feel unwell.

P321 - Specific treatment (see section 4 on this SDS).

P362 - Take off contaminated clothing and wash it before reuse.

P405 - Store locked up.

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

2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Product Identifier	%	Classification (GHS-US)
Lubricating oils, petroleum, hydrotreated spent	(CAS No) 64742-58-1	80-90	Asp. Tox. 1, H304 Aquatic Acute 2, H401
Solvent naphtha, petroleum, medium aliphatic	(CAS No) 64742-88-7	7 - 9	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Solvent naphtha, petroleum, light aromatic	(CAS No) 64742-95-6	1-3	Flam. Liq. 1, H224 Skin Irrit. 2, H315 Muta. 1B, H340 Carc. 1B, H350 Repr. 2, H361 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
2-Butoxyethanol	(CAS No) 111-76-2	2-6	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Dermal), H310 Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Benzene, 1,2,4-trimethyl-	(CAS No) 95-63-6	0.5 – 1.5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

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Benzene, trimethyl-	(CAS No) 25551-13-7	0.5 – 1.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Proprietary Component 1	(CAS No) Proprietary	0.5-1.5	Skin Irrit. 2, H315 Eye Dam. 1, H318

^{*}The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret.

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if redness, pain, or irritation occurs.

First-aid Measures After Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/Injuries: Causes serious eye irritation. Causes skin irritation. May cause genetic defects. May cause cancer.

Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury. **Chronic Symptoms:** May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. May

cause damage to organs through prolonged or repeated exposure.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

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Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. **Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

For further information refer to sections 13 and 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Products: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Automotive

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

2-Butoxyetha	nol (111-76-2)		
USA ACGIH	ACGIH TWA (ppm)	20 ppm	
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans	
USA NIOSH	NIOSH REL (TWA) (mg/m³)	24 mg/m³	
USA NIOSH	NIOSH REL (TWA) (ppm)	5 ppm	
USA IDLH	US IDLH (ppm)	700 ppm	
USA OSHA	OSHA PEL (TWA) (mg/m³)	240 mg/m³	
USA OSHA	OSHA PEL (TWA) (ppm)	50 ppm	
USA OSHA	Limit value category (OSHA)	prevent or reduce skin absorption	
Benzene, 1,2	,4-trimethyl- (95-63-6)		
USA NIOSH	NIOSH REL (TWA) (mg/m³)	125 mg/m³	
USA NIOSH	NIOSH REL (TWA) (ppm)	25 ppm	
Benzene, trin	nethyl- (25551-13-7)		
USA ACGIH	ACGIH TWA (ppm)	25 ppm	

8.2. Exposure Controls

Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment

: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



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Materials for Protective Clothing : Chemically resistant materials and fabrics.

Hand Protection : Wear protective gloves. **Eye Protection** : Chemical safety goggles.

Skin and Body Protection : Wear suitable protective clothing.

Respiratory Protection : If exposure limits are exceeded or irritation is experienced, approved respiratory

protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory

protection.

Other Information : When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State : Liquid Dark amber **Appearance** Odor No data available **Odor Threshold** No data available : No data available рΗ **Evaporation Rate** No data available **Melting Point** : No data available **Freezing Point** : No data available **Boiling Point** No data available **Flash Point** : 127 °C (260.6 °F) : No data available **Auto-ignition Temperature Decomposition Temperature** No data available Flammability (solid, gas) No data available **Vapor Pressure** No data available Relative Vapor Density at 20 °C : No data available **Relative Density** No data available : No data available Solubility Partition Coefficient: N-Octanol/Water No data available

9.2. Other Information: No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity: Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid: Direct sunlight. Extremely high or low temperatures, incompatible materials.
- **10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- **10.6.** Hazardous Decomposition Products: Carbon oxides (CO, CO₂). Hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Not classified

Viscosity

Lubricating oils, petroleum, hydrotreated spent (64742-58-1)		
LD50 Oral Rat	> 2000 mg/kg	
LD50 Dermal Rabbit	> 4480 mg/kg	
2-Butoxyethanol (111-76-2)		
LD50 Oral Rat	470 mg/kg	
LD50 Dermal Rat	220 mg/kg	
LD50 Dermal Rabbit	99 mg/kg	
LC50 Inhalation Rat	450 ppm/4h	
Solvent naphtha, petroleum, medium aliphatic (64742-88-7)		
LD50 Oral Rat	> 5000 mg/kg	

: No data available

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LD50 Dermal Rabbit	3000 mg/kg	
LC50 Inhalation Rat	> 5.28 mg/l/4h	
Solvent naphtha, petroleum, light aromatic (64742	2-95-6)	
LD50 Oral Rat	8400 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	
LC50 Inhalation Rat	3400 ppm/4h	
Benzene, 1,2,4-trimethyl- (95-63-6)		
LD50 Oral Rat	6000 mg/kg	
LD50 Dermal Rabbit	> 3160 mg/kg	
LC50 Inhalation Rat	18 g/m³ (Exposure time: 4 h)	
Benzene, trimethyl- (25551-13-7)		
LD50 Oral Rat	8970 mg/kg	

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: Not classified **Germ Cell Mutagenicity:** May cause genetic defects.

Carcinogenicity: May cause cancer.

2-Butoxyethanol (111-76-2)	
IARC group	3
Solvent naphtha, petroleum, medium aliphatic (64742-88-7)	
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury. **Chronic Symptoms:** May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Toxic to aquatic life. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Lubricating oils, petroleum, hydrotreated spent (64742-58-1)		
LC50 Fish 1	79.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])	
LC 50 Fish 2	3.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static])	
2-Butoxyethanol (111-76-2)		
LC50 Fish 1	1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
EC50 Daphnia 1	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC 50 Fish 2	2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)	
Solvent naphtha, petroleum, medium alip	hatic (64742-88-7)	
LC50 Fish 1	800 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
EC50 Daphnia 1	> 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Solvent naphtha, petroleum, light aromati	ic (64742-95-6)	
LC50 Fish 1	9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)	
EC50 Daphnia 1	6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Benzene, 1,2,4-trimethyl- (95-63-6)		
LC50 Fish 1	7.19 (7.19 - 8.28) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-	
	through])	
EC50 Daphnia 1	6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)	

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Benzene, trimethyl- (25551-13-7)	
LC50 Fish 1	7.72 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	5.4 mg/l

12.2. Persistence and Degradability

Ultimate Power Steering Cleaner	
Persistence and Degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative Potential

Ultimate Power Steering Cleaner		
Bioaccumulative Potential	Not established.	
2-Butoxyethanol (111-76-2)		
Log Pow	0.81 (at 25 °C)	
Solvent naphtha, petroleum, medium aliphatic (64742-88-7)		
BCF fish 1 (bioaccumulation expected)		
Benzene, 1,2,4-trimethyl- (95-63-6)		
Log Pow	3.63	

12.4. Mobility in Soil: No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology – Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Ultimate Power Steering Cleaner	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
	Delayed (chronic) health hazard
Lubricating oils, petroleum, hydrotreated spent	(64742-58-1)
Listed on the United States TSCA (Toxic Substance	es Control Act) inventory
2-Butoxyethanol (111-76-2)	
Listed on the United States TSCA (Toxic Substance	S Control Act) inventory
Proprietary Component 1	
Listed on the United States TSCA (Toxic Substance	es Control Act) inventory
Solvent naphtha, petroleum, medium aliphatic (64742-88-7)
Listed on the United States TSCA (Toxic Substance	es Control Act) inventory
Solvent naphtha, petroleum, light aromatic (647	42-95-6)
Listed on the United States TSCA (Toxic Substance	S Control Act) inventory
Benzene, 1,2,4-trimethyl- (95-63-6)	
Listed on the United States TSCA (Toxic Substance	es Control Act) inventory
Listed on United States SARA Section 313	
SARA Section 313 - Emission Reporting	1.0 %
Benzene, trimethyl- (25551-13-7)	
Listed on the United States TSCA (Toxic Substance	es Control Act) inventory

15.2 US State Regulations

2-Butoxyethanol (111-76-2)

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- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

Solvent naphtha, petroleum, medium aliphatic (64742-88-7)

U.S. - New Jersey - Right to Know Hazardous Substance List

Benzene, 1,2,4-trimethyl- (95-63-6)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

Benzene, trimethyl- (25551-13-7)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 11/14/2024

Other Information : This document has been prepared in accordance with the SDS

requirements of the OSHA Hazard Communication Standard 29 CFR

1910.1200.

GHS Full Text Phrases:

Acute Tox. 2 (Juernal) Acute Tox. 3 (Inhalation:vapour) Acute Tox. 4 (Inhalation:vapour) Acute Tox. 4 (Inhalation:vapour) Acute Tox. 4 (Oral) Acut	Acuto Tou 2 (Domest)	A austra travirsita (dia maral) Catagara au
Acute Tox. 4 (Inhalation:vapour) Acute Tox. 4 (Oral) Acute Tox. 4 (Oral) Acute Tox. 4 (Oral) Acute Tox. 4 (Oral) Acute Exercises (Inhalation:vapour) Acute Tox. 4 (Oral) Acute 2 Aquatic Acute 2 Aquatic Chronic 2 Aquatic Chronic 3 Asp. Tox. 1 Aspiration hazard Category 1 Asp. Tox. 1 Aspiration hazard Category 1 Asp. Tox. 1 Aspiration hazard Category 1 Beye Dam. 1 Eye Irrit. 2A Serious eye damage/eye irritation Category 2A Flam. Liq. 1 Flammable liquids Category 3 Flam. Liq. 3 Flammable liquids Category 3 Flam. Liq. 4 Flammable liquids Category 3 Flam. Liq. 4 Flammable liquids Category 1 Flam. Liq. 5 Flam. Liq. 6 Flammable liquids Category 1 Flam. Liq. 7 Flam. Liq. 8 Flammable liquids Category 1 Flam. Liq. 9 Flammable liquids Category 3 Flam. Liq. 9 Flammable liquids Category 3 Flam. Liq. 9 Flammable liquids Category 1 Flammable liquids Category 2 Flammable liquids Category 2 Flammable liquid Category 2 Flammable liquid Category 2 Flammable liquid Category 2 Flammable liquid Category 3 Flam. 1 Flammable Iquid Category 2 Flammable liquid and vapor Flamm	Acute Tox. 2 (Dermal)	Acute toxicity (dermal) Category 2
Acute Tox. 4 (Oral) Aquatic Acute 2 Aquatic Chronic 2 Aquatic Chronic 3 Asp. Tox. 1 Carc. 1B Eye Dam. 1 Eye Irrit. 2A Flammable liquids Category 4 Flammable liquids Category 4 Flammable liquids Category 4 Muta. 1B Repr. 2 Skin corrosion/irritation Category 2 Skin corrosion/irritation Category 2 Specific target organ toxicity (single exposure) Category 3 Specific target organ toxicity (single exposure) Category 3 Flore Specific target organ toxicity (single exposure) Category 3 Fland 4 Flammable liquid and vapor Fland 5 Fland 6 Flammable liquid and vapor Fland 6 Flammable liquid and vapor Fland 7 Fland 8 Flammable liquid and vapor Fland 9 Flammable liquid and vapor Fland 10 Flammable liquid and vapor		
Aquatic Acute 2 Aquatic Chronic 2 Aquatic Chronic 2 Aquatic Chronic 3 Hazardous to the aquatic environment - Acute Hazard Category 2 Aquatic Chronic 3 Hazardous to the aquatic environment - Chronic Hazard Category 3 Asp. Tox. 1 Aspiration hazard Category 1 Carc. 1B Eye Dam. 1 Eye Dam. 1 Serious eye damage/eye irritation Category 2A Flam. Liq. 1 Flam. Liq. 1 Flammable liquids Category 3 Flam. Liq. 3 Flammable liquids Category 4 Muta. 1B Germ cell mutagenicity Category 1B Repr. 2 Skin corrosion/irritation Category 2 Skin Irrit. 2 Skin corrosion/irritation Category 2 Stion St 3 Specific target organ toxicity (repeated exposure) Category 2 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 Flam. Liq. 4 Extremely flammable liquid and vapor Ha224 Ha224 Extremely flammable liquid and vapor H302 H304 May be fatal if swallowed H304 May be fatal if swallowed H315 Causes serious eye damage H319 Causes serious eye irritation Toxic if inhaled H332 Harmful if inhaled	· · · · · · · · · · · · · · · · · · ·	
Aquatic Chronic 2 Aquatic Chronic 3 Hazardous to the aquatic environment - Chronic Hazard Category 2 Aquatic Chronic 3 Hazardous to the aquatic environment - Chronic Hazard Category 3 Asp. Tox. 1 Carc. 1B Carcinogenicity Category 1B Eye Dam. 1 Serious eye damage/eye irritation Category 1 Eye Irrit. 2A Serious eye damage/eye irritation Category 2A Flam. Liq. 1 Flammable liquids Category 3 Flam. Liq. 3 Flammable liquids Category 3 Flam. Liq. 4 Flammable liquids Category 4 Muta. 1B Germ cell mutagenicity Category 1B Repr. 2 Skin Irrit. 2 Skin corrosion/irritation Category 2 Skin Irrit. 2 Specific target organ toxicity (repeated exposure) Category 2 STOT RE 2 Specific target organ toxicity (single exposure) Category 3 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 Flammable liquid and vapor H224 Extremely flammable liquid and vapor H226 H300 Harmful if swallowed H304 May be fatal if swallowed H304 May be fatal if swallowed H315 Causes serious eye damage H319 Causes serious eye irritation Toxic if inhaled H332 Harmful if inhaled	· · · · · · · · · · · · · · · · · · ·	
Aquatic Chronic 3 Asp. Tox. 1 Aspiration hazard Category 1 Carc. 1B Eye Dam. 1 Eye Dam. 1 Serious eye damage/eye irritation Category 2 Flam. Liq. 1 Flam. Liq. 1 Flam. Liq. 3 Flammable liquids Category 3 Flam. Liq. 4 Muta. 1B Repr. 2 Skin corrosion/irritation Category 2 Skin Irrit. 2 Specific target organ toxicity (repeated exposure) Category 2 Strot SE 3 Specific target organ toxicity (single exposure) Category 3 Flaze4 H226 H302 H304 H304 May be fatal if swallowed H304 May be fatal if swallowed H315 Causes skin irritation H318 Causes serious eye damage Causes serious eye diamage (riritation Category 1 Eye Irritation Category 2 Strot SE 3 Specific target organ toxicity (repeated exposure) Category 2 Strot SE 3 Specific target organ toxicity (single exposure) Category 3 H224 Extremely flammable liquid and vapor H300 H310 Fatal in contact with skin H315 Causes skin irritation H318 Causes serious eye damage H319 Causes serious eye irritation H331 Harmful if inhaled H332 Harmful if inhaled	Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Asp. Tox. 1 Carc. 18 Carcinogenicity Category 1B Eye Dam. 1 Eye Irrit. 2A Serious eye damage/eye irritation Category 2A Flam. Liq. 1 Flam. Liq. 1 Flammable liquids Category 3 Flam. Liq. 4 Flammable liquids Category 4 Muta. 1B Repr. 2 Skin Irrit. 2 Skin corrosion/irritation Category 2 Skin Irrit. 2 Specific target organ toxicity (repeated exposure) Category 2 STOT RE 2 Specific target organ toxicity (single exposure) Category 3 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 Flammable liquid and vapor H224 Flammable liquid and vapor H227 Combustible liquid H302 Harmful if swallowed H304 May be fatal if swallowed and enters airways H310 Fatal in contact with skin H315 Causes serious eye damage H319 Causes serious eye damage Harmful if inhaled Harmful if inhaled	Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
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Flam. Liq. 3 Flammable liquids Category 3 Flam. Liq. 4 Flammable liquids Category 4 Muta. 1B Germ cell mutagenicity Category 1B Repr. 2 Reproductive toxicity Category 2 Skin Irrit. 2 Skin corrosion/irritation Category 2 STOT RE 2 Specific target organ toxicity (repeated exposure) Category 2 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 H224 Extremely flammable liquid and vapor H226 Flammable liquid and vapor Combustible liquid H302 Harmful if swallowed H304 May be fatal if swallowed and enters airways H310 Fatal in contact with skin H315 Causes skin irritation H318 Causes serious eye damage H319 Causes serious eye irritation H331 Harmful if inhaled H332 Harmful if inhaled	Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
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Skin Irrit. 2 Skin corrosion/irritation Category 2 STOT RE 2 Specific target organ toxicity (repeated exposure) Category 2 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 H224 Extremely flammable liquid and vapor H226 H227 Combustible liquid H302 Harmful if swallowed H304 May be fatal if swallowed and enters airways H310 Fatal in contact with skin Causes skin irritation H315 Causes serious eye damage H319 Causes serious eye irritation H331 Toxic if inhaled H332 Harmful if inhaled	Muta. 1B	Germ cell mutagenicity Category 1B
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STOT SE 3 Specific target organ toxicity (single exposure) Category 3 H224 Extremely flammable liquid and vapor H226 Flammable liquid and vapor Combustible liquid H302 Harmful if swallowed H304 May be fatal if swallowed and enters airways H310 Fatal in contact with skin H315 Causes skin irritation H318 Causes serious eye damage H319 Causes serious eye irritation H331 Toxic if inhaled H332 Harmful if inhaled	STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
H224 Extremely flammable liquid and vapor H226 Flammable liquid and vapor H227 Combustible liquid H302 Harmful if swallowed H304 May be fatal if swallowed and enters airways H310 Fatal in contact with skin H315 Causes skin irritation H318 Causes serious eye damage H319 Causes serious eye irritation H331 Toxic if inhaled H332 Harmful if inhaled	STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226 Flammable liquid and vapor H227 Combustible liquid H302 Harmful if swallowed H304 May be fatal if swallowed and enters airways H310 Fatal in contact with skin H315 Causes skin irritation H318 Causes serious eye damage H319 Causes serious eye irritation H331 Toxic if inhaled H332 Harmful if inhaled	STOT SE 3	Specific target organ toxicity (single exposure) Category 3
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H302 Harmful if swallowed H304 May be fatal if swallowed and enters airways H310 Fatal in contact with skin H315 Causes skin irritation H318 Causes serious eye damage H319 Causes serious eye irritation H331 Toxic if inhaled H332 Harmful if inhaled	H226	Flammable liquid and vapor
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H315 Causes skin irritation H318 Causes serious eye damage H319 Causes serious eye irritation H331 Toxic if inhaled H332 Harmful if inhaled	H304	May be fatal if swallowed and enters airways
H318 Causes serious eye damage H319 Causes serious eye irritation H331 Toxic if inhaled H332 Harmful if inhaled	H310	Fatal in contact with skin
H319 Causes serious eye irritation H331 Toxic if inhaled H332 Harmful if inhaled	H315	Causes skin irritation
H331 Toxic if inhaled H332 Harmful if inhaled	H318	Causes serious eye damage
H332 Harmful if inhaled	H319	Causes serious eye irritation
	H331	Toxic if inhaled
H335 May cause respiratory irritation	H332	Harmful if inhaled
	H335	May cause respiratory irritation

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Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)

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