

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

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Version: 1.5

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

1.1. Product identifier

Product form : Mixture
Trade name : INSTANT POWER COIL CLEANER 18 OZ.
Product code : 1517

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Degreaser

1.3. Details of the supplier of the safety data sheet

Instant Power
1255 Viceroy Drive
Dallas, TX 75247
T 214-943-4605
mail@myinstantpower.com - www.myinstantpower.com

1.4. Emergency telephone number

Emergency number : 1-800-334-2077

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS US classification

Gases under pressure : Compressed gas H280 Contains gas under pressure; may explode if heated.
Skin corrosion/irritation, Category 2 H315 Causes skin irritation.
Serious eye damage/eye irritation, Category 2B H320 Causes eye irritation.
Germ cell mutagenicity, Category 1B H340 May cause genetic defects.
Carcinogenicity, Category 1A H350 May cause cancer.

Full text of H- and EUH-statements: see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H280 - Contains gas under pressure; may explode if heated
H315 - Causes skin irritation
H320 - Causes eye irritation
H340 - May cause genetic defects.
H350 - May cause cancer.

Precautionary statements (GHS US) :

P201 - Obtain special instructions
P202 - Do not handle until all safety precautions have been read and understood.
P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective gloves.
P302+P352 - If on skin: Wash with plenty of soap and 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.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P313 - If skin irritation occurs: Get medical advice or attention.
P337+P313 - If eye irritation persists: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P405 - Store locked up.
P410+P403 - Protect from sunlight. Store in a well-ventilated place.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Other hazards

Other hazards which do not result in classification : Contains gas under pressure; may explode if heated. None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

No data available

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Water	(CAS-No.) 7732-18-5	85 – 95	Not classified
Petroleum Gases, Liquefied, Sweetened	(CAS-No.) 68476-86-8	1 – 5	Flam. Gas 1, H220 Press. Gas (Comp.), H280 Muta. 1B, H340 Carc. 1A, H350
2-Butoxyethanol	(CAS-No.) 111-76-2	1 – 5	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Tergitol NP-9	(CAS-No.) 127087-87-0	< 1	Acute Tox. 4 (Oral), H302
Nonlyphenol Ethoxylate	(CAS-No.) 127087-87-0	< 1	Not classified
Ammonium Hydroxide, Aqueous Solution, Conc=25%	(CAS-No.) 1336-21-6	< 1	Skin Corr. 1B, H314 Aquatic Acute 1, H400
Sodium Hydroxide, Conc=50%, Aqueous Solution	(CAS-No.) 1310-73-2	< 1	Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 2, H401
Polyethylene Glycol 200-600	(CAS-No.) 25322-68-3	≤ 0.029	Not classified
Nonyl Nonoxynol-5	(CAS-No.) 9014-93-1	≤ 0.019	Not classified
1,4-Dioxane	(CAS-No.) 123-91-1	≤ 0	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H335
Ethylene Oxide	(CAS-No.) 75-21-8	≤ 0	Flam. Gas 1, H220 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:gas), H331 Skin Corr. 1, H314 Muta. 1B, H340 Carc. 1A, H350 STOT SE 3, H336 STOT SE 3, H335 STOT RE 1, H372

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 : Allow affected person to breathe fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

- Symptoms/effects : May cause genetic defects.
- Symptoms/effects after inhalation : May cause irritation or asthma-like symptoms. May cause cancer by inhalation.
- Symptoms/effects after skin contact : Itching. Red skin. Skin rash/inflammation. Causes skin irritation.
- Symptoms/effects after eye contact : Irritation of the eye tissue. Redness of the eye tissue. Inflammation/damage of the eye tissue. Causes eye irritation.
- Symptoms/effects after ingestion : May be harmful if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Other information : NFPA Aerosol Level 1.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges.

6.1.1. For non-emergency personnel

Protective equipment : Gloves. Safety glasses.
Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Dam up the liquid spill. Contain released product, collect/pump into suitable containers. Plug the leak, cut off the supply.
Methods for cleaning up : Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Pressurized container: Do not pierce or burn, even after use.
Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Obtain special instructions . Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Always wash hands after handling the product. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Take off immediately all contaminated clothing and wash it before reuse. Observe normal hygiene standards. Keep container tightly closed. Observe strict hygiene. Observe very strict hygiene - avoid contact. Reduce/avoid exposure and/or contact. Avoid prolonged and repeated contact with skin. Wash affected areas thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.
Storage area : Store in a well-ventilated place.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

INSTANT POWER COIL CLEANER 18 OZ.

No additional information available

Petroleum Gases, Liquefied, Sweetened (68476-86-8)

No additional information available

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	1000 ppm Listed under Aliphatic hydrocarbon gases alkane C1-C4
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	1800 mg/m ³ 1000 ppm
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA)	1800 mg/m ³ 1000 ppm
2-Butoxyethanol (111-76-2)	
No additional information available	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	97 mg/m ³ 20 ppm (2-Butoxyethanol (EGBE); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	240 mg/m ³ 50 ppm
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA)	24 mg/m ³ 5 ppm
Polyethylene Glycol 200-600 (25322-68-3)	
No additional information available	
Nonyl Nonoxynol-5 (9014-93-1)	
No additional information available	
Nonlyphenol Ethoxylate (127087-87-0)	
No additional information available	
Ammonium Hydroxide, Aqueous Solution, Conc=25% (1336-21-6)	
No additional information available	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	24 ppm
ACGIH OEL STEL	35 ppm
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	50 ppm
Water (7732-18-5)	
No additional information available	
Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)	
No additional information available	
Tergitol NP-9 (127087-87-0)	
No additional information available	
1,4-Dioxane (123-91-1)	
No additional information available	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	20 ppm
Ethylene Oxide (75-21-8)	
No additional information available	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	1 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Local exhaust ventilation, vent hoods . Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Safety glasses. Avoid all unnecessary exposure.

Materials for protective clothing:

Excellent resistance:

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

Hand protection:

Wear protective gloves

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear appropriate mask

Personal protective equipment symbol(s):



Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Gas
Appearance	: Liquid.
Color	: Milky.
Odor	: Mild . Characteristic.
Odor threshold	: No data available
pH	: 11
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: -31.1 °C (Propellant)
Flash point	: -128.9 °C (Propellant)
Auto-ignition temperature	: 237.8 °C (Propellant)
Decomposition temperature	: No data available
Flammability	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.99
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

VOC content	: < 8 %
Gas group	: Compressed gas

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

2-Butoxyethanol (111-76-2)	
LD50 oral rat	1300 mg/kg
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit	435 mg/kg (435 mg/kg bodyweight; Rabbit; Rabbit; Experimental value,435 mg/kg bodyweight; Rabbit; Rabbit; Experimental value)
LC50 Inhalation - Rat	2.17 mg/l/4h (Rat; Experimental value; 2.35 mg/l/4h; Rat; Experimental value)
LC50 Inhalation - Rat [ppm]	450-486,Rat; Weight of evidence
ATE US (oral)	1300 mg/kg body weight
ATE US (dermal)	435 mg/kg body weight
ATE US (vapors)	2.17 mg/l/4h
ATE US (dust, mist)	2.17 mg/l/4h

Polyethylene Glycol 200-600 (25322-68-3)	
LD50 oral rat	> 15000 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 20000 mg/kg (Rabbit, Dermal)

Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)	
ATE US (dermal)	1100 mg/kg body weight

1,4-Dioxane (123-91-1)	
LC50 Inhalation - Rat	> 155 mg/l (Equivalent or similar to OECD 403, 1 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))

Ethylene Oxide (75-21-8)	
LD50 oral rat	330 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male, Experimental value, Aqueous solution, Oral, 14 day(s))
LC50 Inhalation - Rat [ppm]	1741 ppm (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (gases), 14 day(s))
ATE US (oral)	100 mg/kg body weight
ATE US (gases)	1741 ppmV/4h
ATE US (vapors)	3 mg/l/4h
ATE US (dust, mist)	0.5 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.
pH: 11
Serious eye damage/irritation : Causes eye irritation.
pH: 11
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 - Not classifiable

1,4-Dioxane (123-91-1)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen

Ethylene Oxide (75-21-8)	
IARC group	1 - Carcinogenic to humans

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

Ethylene Oxide (75-21-8)	
National Toxicology Program (NTP) Status	Known Human Carcinogens
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)	
STOT-single exposure	May cause respiratory irritation.
1,4-Dioxane (123-91-1)	
STOT-single exposure	May cause respiratory irritation.
Ethylene Oxide (75-21-8)	
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Ethylene Oxide (75-21-8)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not applicable
Viscosity, kinematic	: No data available
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: May cause genetic defects.
Symptoms/effects after inhalation	: May cause irritation or asthma-like symptoms. May cause cancer by inhalation.
Symptoms/effects after skin contact	: Itching. Red skin. Skin rash/inflammation. Causes skin irritation.
Symptoms/effects after eye contact	: Irritation of the eye tissue. Redness of the eye tissue. Inflammation/damage of the eye tissue. Causes eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Polyethylene Glycol 200-600 (25322-68-3)	
LC50 - Fish [1]	> 5000 mg/l (24 h, Carassius auratus)
1,4-Dioxane (123-91-1)	
LC50 - Fish [1]	10800 mg/l (96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	> 1000 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, Nominal concentration)
Ethylene Oxide (75-21-8)	
LC50 - Fish [1]	84 mg/l (EPA 660/3 - 75/009, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value, Lethal)
ErC50 algae	240 mg/l (EPA 660/3 - 75/009, 96 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Growth rate)

12.2. Persistence and degradability

INSTANT POWER COIL CLEANER 18 OZ.	
Persistence and degradability	Not established.
Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
Persistence and degradability	Not established.
2-Butoxyethanol (111-76-2)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Photodegradation in the air.
Biochemical oxygen demand (BOD)	0.71 g O ₂ /g substance
Chemical oxygen demand (COD)	2.2 g O ₂ /g substance
ThOD	2.305 g O ₂ /g substance
BOD (% of ThOD)	0.31
Polyethylene Glycol 200-600 (25322-68-3)	
Persistence and degradability	Biodegradability in water: no data available. Not established.
Nonyl Nonoxynol-5 (9014-93-1)	
Persistence and degradability	Not established.
Nonlyphenol Ethoxylate (127087-87-0)	
Persistence and degradability	Not established.

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

Ammonium Hydroxide, Aqueous Solution, Conc=25% (1336-21-6)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the components available. Ozonation in the air. Not established.
Water (7732-18-5)	
Persistence and degradability	Not established.
Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)	
Persistence and degradability	Not established.
1,4-Dioxane (123-91-1)	
Persistence and degradability	Not readily biodegradable in water. Non degradable in the soil. Photooxidation in the air. Not established.
BOD (% of ThOD)	0
Ethylene Oxide (75-21-8)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.06 g O ₂ /g substance
Chemical oxygen demand (COD)	1.74 g O ₂ /g substance
ThOD	2.02 g O ₂ /g substance

12.3. Bioaccumulative potential

INSTANT POWER COIL CLEANER 18 OZ.	
Bioaccumulative potential	Not established.
Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
Bioaccumulative potential	Not established.
2-Butoxyethanol (111-76-2)	
Partition coefficient n-octanol/water (Log Pow)	0.81 (Experimental value; BASF test; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Polyethylene Glycol 200-600 (25322-68-3)	
Partition coefficient n-octanol/water (Log Pow)	-1.2
Bioaccumulative potential	Bioaccumulation: not applicable. Not established.
Nonyl Nonoxynol-5 (9014-93-1)	
Bioaccumulative potential	Not established.
Nonlyphenol Ethoxylate (127087-87-0)	
Bioaccumulative potential	Not established.
Ammonium Hydroxide, Aqueous Solution, Conc=25% (1336-21-6)	
Bioaccumulative potential	Not bioaccumulative. Not established.
Water (7732-18-5)	
Bioaccumulative potential	Not established.
Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)	
Bioaccumulative potential	Not established.
1,4-Dioxane (123-91-1)	
BCF - Fish [1]	0.2 – 0.7 (OECD 305: Bioconcentration: Flow-Through Fish Test, Cyprinus carpio, Flow-through system, Fresh water, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	-0.42 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500). Not established.
Ethylene Oxide (75-21-8)	
Partition coefficient n-octanol/water (Log Pow)	-0.3 (Practical experience/observation, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

2-Butoxyethanol (111-76-2)	
Surface tension	0.027 N/m (25 °C)
Ammonium Hydroxide, Aqueous Solution, Conc=25% (1336-21-6)	
Surface tension	No data available in the literature
Ecology - soil	No (test)data on mobility of the component(s) available.
Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)	
Ecology - soil	No (test)data on mobility of the component(s) available.
1,4-Dioxane (123-91-1)	
Surface tension	37 mN/m (20 °C)

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

1,4-Dioxane (123-91-1)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.42 (log Koc, SRC PCKOCWIN v2.0, Estimated value)
Ecology - soil	Highly mobile in soil.
Ethylene Oxide (75-21-8)	
Surface tension	No data available in the literature
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.51 – 0.67 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.

12.5. Other adverse effects

Effect on global warming : No known effects from this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

Ecological information : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

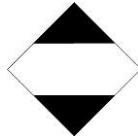
Transport document description (DOT) : UN1950 Aerosols (Non-flammable, (each not exceeding 1 L capacity)), 2.2, Limited Quantity

UN-No.(DOT) : UN1950

Proper Shipping Name (DOT) : Aerosols
Non-flammable, (each not exceeding 1 L capacity)

Class (DOT) : 2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115

Hazard labels (DOT) : LTD QTY - Limited quantity



DOT Packaging Non Bulk (49 CFR 173.xxx) : None

DOT Packaging Bulk (49 CFR 173.xxx) : None

DOT Packaging Exceptions (49 CFR 173.xxx) : 306

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 48 - Stow "away from" sources of heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials

Other information : No supplementary information available.

Transport by sea

UN-No. (IMDG) : 1950

Proper Shipping Name (IMDG) : Aerosols (Non-flammable, (Each not exceeding 1 L capacity))

Class (IMDG) : 2.2 - Non-flammable, non-toxic gases

Hazard labels (IMDG) : LTD QTY - Limited Quantity



INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

Air transport

UN-No. (IATA) : 1950
Proper Shipping Name (IATA) : Aerosols
Class (IATA) : 2.2 - Gases : Non-flammable, non-toxic
Hazard labels (IATA) : LTD QTY - Limited Quantity



SECTION 15: Regulatory information

15.1. US Federal regulations

INSTANT POWER COIL CLEANER 18 OZ.	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Sudden release of pressure hazard
Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Fire hazard Sudden release of pressure hazard
2-Butoxyethanol (111-76-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard
Polyethylene Glycol 200-600 (25322-68-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
Nonyl Nonoxynol-5 (9014-93-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
Nonlyphenol Ethoxylate (127087-87-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	5 % Glycol Ethers
Ammonium Hydroxide, Aqueous Solution, Conc=25% (1336-21-6)	
Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	1000 lb
Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
CERCLA RQ	1000 lb
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
1,4-Dioxane (123-91-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	100 lb
SARA Section 313 - Emission Reporting	1 %
Ethylene Oxide (75-21-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	10 lb

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

Ethylene Oxide (75-21-8)	
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb
SARA Section 313 - Emission Reporting	1 %

15.2. International regulations

CANADA

INSTANT POWER COIL CLEANER 18 OZ.	
WHMIS Classification	Class A - Compressed Gas
2-Butoxyethanol (111-76-2)	
Listed on the Canadian DSL (Domestic Substances List)	
Polyethylene Glycol 200-600 (25322-68-3)	
Listed on the Canadian DSL (Domestic Substances List)	
Nonyl Nonoxynol-5 (9014-93-1)	
Listed on the Canadian DSL (Domestic Substances List)	
Nonlyphenol Ethoxylate (127087-87-0)	
Listed on the Canadian DSL (Domestic Substances List)	
Ammonium Hydroxide, Aqueous Solution, Conc=25% (1336-21-6)	
Listed on the Canadian DSL (Domestic Substances List)	
Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class E - Corrosive Material
1,4-Dioxane (123-91-1)	
Listed on the Canadian DSL (Domestic Substances List)	
Ethylene Oxide (75-21-8)	
Listed on the Canadian DSL (Domestic Substances List)	

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

15.2.2. National regulations

Ammonium Hydroxide, Aqueous Solution, Conc=25% (1336-21-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Listed on INSQ (Mexican National Inventory of Chemical Substances)	
1,4-Dioxane (123-91-1)	
Listed on IARC (International Agency for Research on Cancer)	
Listed as carcinogen on NTP (National Toxicology Program)	
Listed on EPA Hazardous Air Pollutant (HAPS)	
Ethylene Oxide (75-21-8)	
Listed on IARC (International Agency for Research on Cancer)	
Listed as carcinogen on NTP (National Toxicology Program)	
Listed on EPA Hazardous Air Pollutant (HAPS)	

15.3. US State regulations

INSTANT POWER COIL CLEANER 18 OZ.()	
U.S. - California - Proposition 65 - Carcinogens List	Yes
U.S. - California - Proposition 65 - Developmental Toxicity	Yes
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	Yes
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Yes
State or local regulations	U.S. - California - Proposition 65

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

Petroleum Gases, Liquefied, Sweetened (68476-86-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
2-Butoxyethanol (111-76-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
Polyethylene Glycol 200-600 (25322-68-3)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
Nonyl Nonoxynol-5 (9014-93-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
Nonlyphenol Ethoxylate (127087-87-0)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
Ammonium Hydroxide, Aqueous Solution, Conc=25% (1336-21-6)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
Water (7732-18-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
1,4-Dioxane (123-91-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	
Ethylene Oxide (75-21-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	Yes	Yes	Yes	

INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

2-Butoxyethanol (111-76-2)

State or local regulations

U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
 U.S. - Massachusetts - Right To Know List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - New York City - Right to Know Hazardous Substances List
 U.S. - Pennsylvania - RTK (Right to Know) List

Ammonium Hydroxide, Aqueous Solution, Conc=25% (1336-21-6)

State or local regulations

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
 U.S. - Massachusetts - Right To Know List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - New Jersey - TCPA - Extraordinarily Hazardous Substances (EHS)
 U.S. - New York City - Right to Know Hazardous Substances List
 U.S. - Pennsylvania - RTK (Right to Know) List

Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)

State or local regulations

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
 U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
 U.S. - Massachusetts - Right To Know List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - New York City - Right to Know Hazardous Substances List
 U.S. - Pennsylvania - RTK (Right to Know) List

1,4-Dioxane (123-91-1)

State or local regulations

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
 U.S. - Idaho - Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
 U.S. - Massachusetts - Right To Know List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - New York City - Right to Know Hazardous Substances List
 U.S. - Pennsylvania - RTK (Right to Know) List

Ethylene Oxide (75-21-8)

State or local regulations

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
 U.S. - Idaho - Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
 U.S. - Massachusetts - Right To Know List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - New Jersey - TCPA - Extraordinarily Hazardous Substances (EHS)
 U.S. - New York City - Right to Know Hazardous Substances List
 U.S. - Pennsylvania - RTK (Right to Know) List
 U.S. - West Virginia - Air Quality - Toxic Air Pollutant Emission Limits

SECTION 16: Other information

Other information : None.

Full text of hazard classes and H-statements:

H220	Extremely flammable gas
H225	Highly flammable liquid and vapor
H227	Combustible liquid
H280	Contains gas under pressure; may explode if heated
H301	Toxic if swallowed
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.

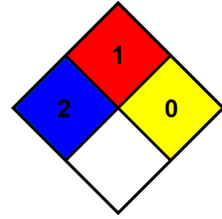
INSTANT POWER COIL CLEANER 18 OZ.

Safety Data Sheet

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

H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life

- NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
- NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.
- NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

- Health : 2 Moderate Hazard - Temporary or minor injury may occur
- Flammability : 1 Slight Hazard
- Physical : 1 Slight Hazard
- Personal protection : B

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.