Safety Data Sheet

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • **Brass Cartridge Case Cleaner**

Product Code • 33845; CC1

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

Relevant identified use(s) • Brass casing cleaner

1.3 Details of the supplier of the safety data sheet

Manufacturer • Birchwood Casey, LLC
7887 Fuller Road, Suite 100
Eden Prairie, MN 55344
United States
www.birchwoodcasey.com

Telephone (General) • 952-388-6717

NZ DISTRIBUTOR
Steve's Wholesale Ltd. Units 5 – 7 / 408 The Esplanade
Island Bay Wellington 6023
team@steveswholesale.nz
Emergency Contact: Steve Collings
0800 303 303
0274 905 708
Poison Control 0800 POISON (0800 764 766)

1.4 Emergency telephone number

Manufacturer • 1-800-424-9300 - CHEMTREC

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP • Skin Corrosion 1C - H314
Serious Eye Damage 1 - H318

DSD/DPD • Corrosive (C)
R34

2.2 Label Elements

CLP

DANGER

Hazard statements • H314 - Causes severe skin burns and eye damage.
H318 - Causes serious eye damage

Precautionary statements

Prevention • P260 - Do not breathe mist/vapours/spray.

P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response • P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321 - Specific treatment, see supplemental first aid information.
P363 - Wash contaminated clothing before reuse.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Storage/Disposal • P405 - Store locked up.
P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD

Risk phrases • R34 - Causes burns.

Safety phrases • S36 - Wear suitable protective clothing.
S37 - Wear suitable gloves.
S39 - Wear eye/face protection.
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

2.3 Other Hazards

CLP • According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD • According to European Directive 1999/45/EC this material is considered dangerous.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012 • Skin Corrosion 1C
Serious Eye Damage 1

2.2 Label elements

OSHA HCS 2012

DANGER

Hazard statements • Causes severe skin burns and eye damage.
Causes serious eye damage

Precautionary statements

Prevention • Do not breathe mist/vapours/spray.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Response • IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
Specific treatment, see supplemental first aid information.
Wash contaminated clothing before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Storage/Disposal

- Store locked up.
  Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to: WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Corrosive - E

2.2 Label elements

WHMIS

- Corrosive - E

2.3 Other hazards

WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

Composition					
Chemical Name	**Identifiers**	**%**	**LD50/LC50**	**Classifications According to Regulation/Directive**	**Comments**
Dodecylbenzenesulfonic acid	**CAS:**27176-87-0 **EC Number:**248-289-4	< 24%	Ingestion/Oral-Rat LD50 • 650 mg/kg	**EU DSD/DPD:** Self Classified: Xn R22; C, R35; Xi, R41 **EU CLP:** Self Classified: Acute Tox. 4, H302; Skin Corr. 1A, H314; Eye Dam. 1, H318 **OSHA HCS 2012:** Acute Tox 4 (Oral); Skin Corr. 1A; Eye Dam. 1	NDA
Phosphoric acid	**CAS:**7664-38-2 **EC Number:**231-633-2	< 20%	Ingestion/Oral-Rat LD50 • 1.25 g/kg Inhalation-Rat LC50 • 25.5 mg/m³	**EU DSD/DPD:** EU CLP, Annex VI, Table 3.2: C, R34 **EU CLP:** Annex VI: Skin Corr. 1B, H314 **OSHA HCS 2012:** Skin Corr. 1B; Eye Dam. 1; Acute Tox. 4 (Oral)	NDA

Glycolic acid	**CAS:**79-14-1 **EINECS:**201-180-5	< 7%	Ingestion/Oral-Rat LD50 • 1950 mg/kg Inhalation-Rat LC50 • 7.1 µg/m³ 4 Hour(s)	**EU DSD/DPD:** Self Classified: C R34; Xn R22 **EU CLP:** Self Classified: Acute Tox. 4, H302; Eye Dam. 1, H318 **OSHA HCS 2012:** Acute Tox. 4 (Oral); Eye Dam. 1	NDA
Dipropylene glycol monomethyl ether	**CAS:**34590-94-8 **EC Number:**252-104-2	< 7%	Ingestion/Oral-Rat LD50 • 5400 µL/kg Skin-Rabbit LD50 • 10 mL/kg	**EU DSD/DPD:** Not Classified - Criteria not met **EU CLP:** Not Classified - Criteria not met **OSHA HCS 2012:** Flam. Liq. 4; Eye Irrit. 2B	NDA
1H-Benzotriazole	**CAS:**95-14-7 **EINECS:**202-394-1	< 1%	Ingestion/Oral-Rat LD50 • 560 mg/kg Inhalation-Rat LC50 • 1910 mg/m³ 3 Hour(s)	**EU DSD/DPD:** Self Classifed: Xn R22 **EU CLP:** Self Classified: Acute Tox. 4, H302 **OSHA HCS 2012:** Acute Tox. 4 (Oral)	NDA

See Section 11 for Toxicological Information. See Section 16 for full text of H-statements and R-phrases.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation
- Move victim to fresh air. Administer oxygen if breathing is difficult. Do not use mouth-to-mouth method if victim inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Give artificial respiration if victim is not breathing. Get medical attention immediately if symptoms occur.

Skin
- For minor skin contact, avoid spreading material on unaffected skin. In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing. If skin irritation occurs: Get medical advice/attention.

Eye
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. Get medical attention immediately.

Ingestion
- If swallowed, rinse mouth with water (only if the person is conscious) If victim is conscious, administer 1 or 2 glasses of milk. Do NOT induce vomiting. Do not use mouth-to-mouth method if victim ingested the substance. Obtain medical attention immediately if ingested.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media
- Carbon dioxide or foam.

Unsuitable Extinguishing Media
- No data available

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- Containers may explode when heated.
May react with metals to release hydrogen gas, which can form explosive mixtures with air.

Hazardous Combustion Products
- Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive fumes.

5.3 Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Wear positive pressure self-contained breathing apparatus (SCBA).
SMALL FIRES: Move containers from fire area if you can do it without risk.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not breathe mist, vapours, spray. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas.

Emergency Procedures
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Do not get water inside container.

6.2 Environmental precautions

- Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures
- Recover as much free liquid as possible and collect in acid-resistant container. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling
- Handle and open container with care. Use only with adequate ventilation. Wear appropriate personal protective equipment, avoid direct contact. Do not breathe mist, vapours, spray. Do not get in eyes, on skin, or on clothing. Use caution when combining with water; DO NOT add water to corrosive liquid, ALWAYS add corrosive liquid to water while stirring to prevent release of heat, steam and fumes. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

Storage
- Store in acid-resistant containers. Store in a cool, dry, well-ventilated place. Keep container closed when not in use. Keep away from incompatible materials.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	NIOSH	OSHA
Dipropylene glycol monomethyl ether (34590-94-8)	STELs	150 ppm STEL	150 ppm STEL	150 ppm STEV; 909 mg/m3 STEV	150 ppm STEL; 900 mg/m3 STEL	Not established
	TWAs	100 ppm TWA	100 ppm TWA	100 ppm TWAEV; 606 mg/m3 TWAEV	100 ppm TWA; 600 mg/m3 TWA	100 ppm TWA; 600 mg/m3 TWA
Phosphoric acid (7664-38-2)	STELs	3 mg/m3 STEL	3 mg/m3 STEL	3 mg/m3 STEV	3 mg/m3 STEL	Not established
	TWAs	1 mg/m3 TWA	1 mg/m3 TWA	1 mg/m3 TWAEV	1 mg/m3 TWA	1 mg/m3 TWA

8.2 Exposure controls

Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory

- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear face shield and eye protection.

Skin/Body

- Wear appropriate gloves. Wear protective clothing

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste. Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene
NIOSH = National Institute of Occupational Safety and Health
OSHA = Occupational Safety and Health Administration
STEL = Short Term Exposure Limits are based on 15-minute exposures
STEV = Short Term Exposure Value
TWAEV = Time-Weighted Average Exposure Value
TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Caramel colored liquid with a slight ethereal odor.
Color	Caramel	Odor	Slight ethereal.
Odor Threshold	Data lacking		
General Properties			
Boiling Point	> 212 F(> 100 C)	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	< 1
Specific Gravity/Relative Density	= 1.126	Water Solubility	Miscible
Viscosity	Data lacking	Explosive Properties	Not Explosive.
Oxidizing Properties:	Not an oxidizer.		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	< 1 Air=1
Evaporation Rate	> 1 Ether = 1		
Flammability			

Flash Point	212 F(100 C) TCC (Tagliabue Closed Cup)	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Not Flammable.		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Incompatible materials. Excess heat.

10.5 Incompatible materials

- Cyanides, strong oxidizers, strong bases, water-reactive substances, chlorinated cleaners or sanitizers, metals such as aluminum, zinc and magnesium. May generate heat or form flammable gases when mixed with a wide variety of substances.

10.6 Hazardous decomposition products

- Contact with metals such as aluminum and zinc may produce hydrogen gas. Thermal decomposition may produce phosphoric, sulfur and nitrogen oxides.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components		
1H-Benzotriazole (< 1%)	95-14-7	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 560 mg/kg; Inhalation-Rat LC50 • 1910 mg/m³ 3 Hour(s); *Lungs, Thorax, or Respiration*:**Structural or functional change in trachea or bronchi**; *Lungs, Thorax, or Respiration*:**Dyspnea**; *Lungs, Thorax, or Respiration*:**Other changes**; **Tumorigen / Carcinogen:** Ingestion/Oral-Rat TDLo • 220 g/kg 78 Week(s)-Intermittent; *Tumorigenic*:**Equivocal tumorigenic agent by RTECS criteria**; *Brain and Coverings*:**Tumors**
Dodecylbenzenesulfonic acid (< 24%)	27176-87-0	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 650 mg/kg
Phosphoric acid (< 20%)	7664-38-2	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 1.25 g/kg; *Lungs, Thorax, or Respiration*:**Acute pulmonary edema**; *Liver*:**Changes in liver weight**; Inhalation-Rat LC50 • 25.5 mg/m³; *Lungs, Thorax, or Respiration*:**Acute pulmonary edema**; *Liver*:**Changes in liver weight**
Glycolic acid (< 7%)	79-14-1	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 1950 mg/kg; *Behavioral*:**Somnolence (general depressed activity)**; *Gastrointestinal*:**Other changes**; *Kidney, Ureter, and Bladder*:**Other changes**; **Irritation:** Eye-Rabbit • 2 mg • Severe irritation; **Reproductive:** Ingestion/Oral-Rat TDLo • 5250 mg/kg (7-21D preg); *Reproductive Effects:Effects on Embryo or Fetus*:**Fetotoxicity (except death, e.g., stunted fetus)**
Dipropylene glycol monomethyl ether (< 7%)	34590-94-8	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 5400 µL/kg; Skin-Rabbit LD50 • 10 mL/kg; **Irritation:** Eye-Rabbit • 500 mg 24 Hour(s) • Mild irritation; Skin-Rabbit • 500 mg-Open • Mild irritation

GHS Properties	Classification
Acute toxicity	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Aspiration Hazard	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Carcinogenicity	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Germ Cell Mutagenicity	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Skin corrosion/Irritation	**EU/CLP** • Skin Corrosion 1C **OSHA HCS 2012** • Skin Corrosion 1C
Skin sensitization	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
STOT-RE	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
STOT-SE	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Toxicity for Reproduction	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Respiratory sensitization	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Serious eye damage/Irritation	**EU/CLP** • Serious Eye Damage 1 **OSHA HCS 2012** • Serious Eye Damage 1

Route(s) of entry/exposure
- Inhalation, Skin, Eye, Ingestion

Potential Health Effects

Inhalation

Acute (Immediate)
- May cause corrosive burns - irreversible damage.

Chronic (Delayed)
- Repeated or prolonged exposure to corrosive fumes may cause bronchial irritation with chronic cough.

Skin

Acute (Immediate)
- Causes severe skin burns and eye damage.

Chronic (Delayed)
- Repeated or prolonged exposure to corrosive materials will cause dermatitis.

Eye

Acute (Immediate)
- Causes serious eye damage.

Chronic (Delayed)
- Repeated or prolonged exposure to corrosive materials or fumes may cause conjunctivitis.

Ingestion

Acute (Immediate)
- May cause irreversible damage to mucous membranes.

Chronic (Delayed)
- Repeated or prolonged exposure to corrosive materials or fumes may cause gastrointestinal distrubances.

Key to abbreviations

LC = Lethal Concentration
LD = Lethal Dose
MLD = Mild
SEV = Severe
TD = Toxic Dose

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	UN1760	Corrosive liquids, n.o.s. (Phosphoric and Glycolic Acid)	8	III	NDA
TDG	UN1760	CORROSIVE LIQUID, N.O.S. (Phosphoric and Glycolic Acid)	8	III	NDA
IMO/IMDG	UN1760	CORROSIVE LIQUID, N.O.S. (Phosphoric and Glycolic Acid)	8	III	NDA
IATA/ICAO	UN1760	Corrosive liquid, n.o.s. (Phosphoric and Glycolic Acid)	8	III	NDA

14.6 Special precautions for user
- None known.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- Not relevant.

Section 15 - Regulatory Information HSR002526

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Acute

State Right To Know				
Component	**CAS**	**MA**	**NJ**	**PA**
1H-Benzotriazole	95-14-7	Yes	No	No
Dipropylene glycol monomethyl ether	34590-94-8	Yes	Yes	Yes
Dodecylbenzenesulfonic acid	27176-87-0	Yes	Yes	Yes
Glycolic acid	79-14-1	No	No	No
Phosphoric acid	7664-38-2	Yes	Yes	Yes

Inventory						
Component	**CAS**	**Canada DSL**	**Canada NDSL**	**EU EINECS**	**EU ELNICS**	**TSCA**
1H-Benzotriazole	95-14-7	Yes	No	Yes	No	Yes
Dipropylene glycol monomethyl ether	34590-94-8	Yes	No	Yes	No	Yes
Dodecylbenzenesulfonic acid	27176-87-0	Yes	No	Yes	No	Yes
Glycolic acid	79-14-1	Yes	No	Yes	No	Yes
Phosphoric acid	7664-38-2	Yes	No	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	B3
• Phosphoric acid	7664-38-2	E (including <=85%)
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	E

Canada - WHMIS - Ingredient Disclosure List

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	1 %
• Phosphoric acid	7664-38-2	1 %
• Dodecylbenzenesulfonic acid	27176-87-0	1 %
• Glycolic acid	79-14-1	1 %

Environment

Canada - 2004 NPRI (National Pollutant Release Inventory)

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

Canada - 2005 NPRI (National Pollutant Release Inventory)

• 1H-Benzotriazole	95-14-7	Not Listed

• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

Canada - CEPA - Greenhouse Gases Subject to Mandatory Reporting

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

Canada - CEPA - Priority Substances List

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

Canada - DWQ (Drinking Water Quality) - IMACs

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

Other

Canada - Accelerated Reduction/Elimination of Toxics (ARET)

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

Canada New Brunswick

Environment

Canada - New Brunswick - Ozone Depleting Substances - Schedule A

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

Canada - New Brunswick - Ozone Depleting Substances - Schedule B

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	C; R34
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	10%<=C<25%: Xi; R:36/38 25%<=C: C; R:34
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	C R:34 S:(1/2)-26-45
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	B
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	S:(1/2)-26-45
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

Mexico

Other

Mexico - Hazard Classifications

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Hazard Class = 8 PG = III UN1805; Hazard Class = 8 PG = III UN3453
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

Mexico - Regulated Substances

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	UN1805; UN3453
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	5000 lb final RQ; 2270 kg final RQ
• Dodecylbenzenesulfonic acid	27176-87-0	1000 lb final RQ; 454 kg final RQ
• Glycolic acid	79-14-1	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed

• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	
• Dodecylbenzenesulfonic acid	27176-87-0	
• Glycolic acid	79-14-1	Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• 1H-Benzotriazole	95-14-7	Not Listed
• Dipropylene glycol monomethyl ether	34590-94-8	Not Listed
• Phosphoric acid	7664-38-2	Not Listed
• Dodecylbenzenesulfonic acid	27176-87-0	Not Listed
• Glycolic acid	79-14-1	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

SW Revised 01.12.2020

Relevant Phrases (code & full text)

- H302 - Harmful if swallowed

R22 - Harmful if swallowed.
R35 - Causes severe burns.
R41 - Risk of serious damage to eyes.

Last Revision Date
- 05/March/2015

Preparation Date
- 05/March/2015

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Key to abbreviations

NDA = No data available